

Fall Fraction Practice



Fall Fractions Practice

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This packet consists of 10 printable worksheets that cover a variety of operations using fractions. This was made with idea in mind that it would be great as part of a Fall Break packet for students to work on at home. It would also be great just to use in class as well; to that end, I have included an answer key for your ease. The answer key is also handy for students to check their work independently.

Worksheet topics include:

- Equivalent Fractions
- Adding Using Fractions
- Subtracting Using Fractions
- Multiplication Using Fractions
- Order of Operations Using Fractions

Happy Fall to all!
Jill Camacho



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Thank you so much for your consideration and respect for this product and my store!
-Jill Camacho

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Fall Fractions Packet

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Answer Key

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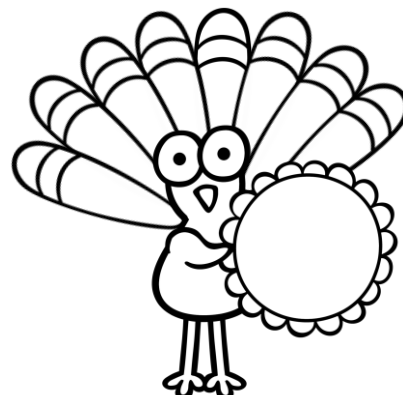
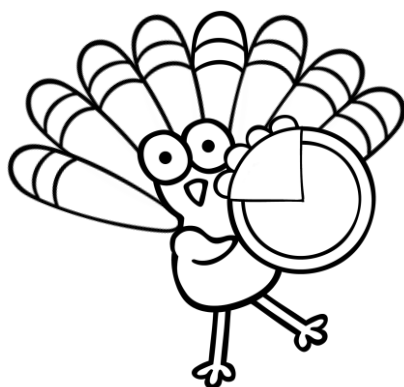
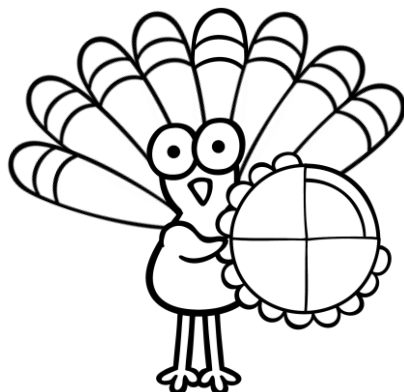
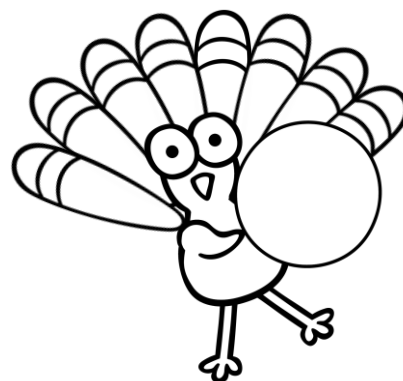
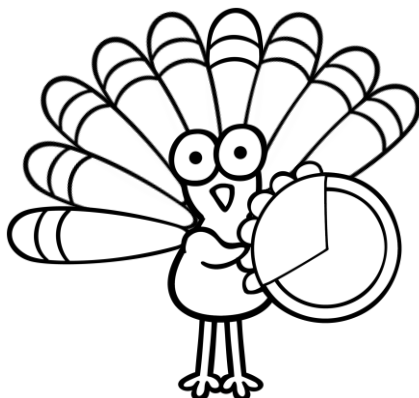
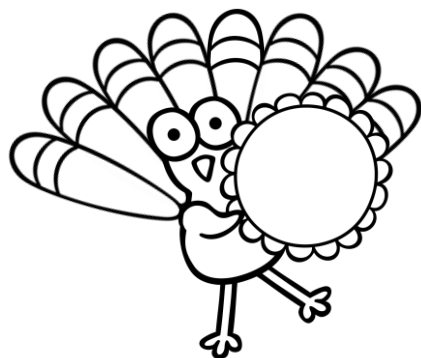
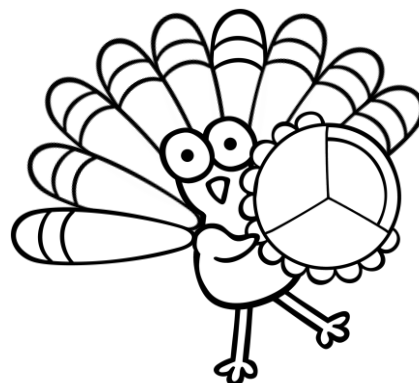
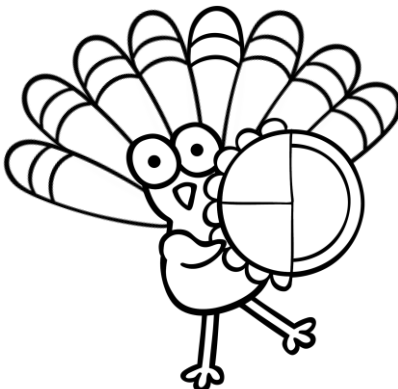
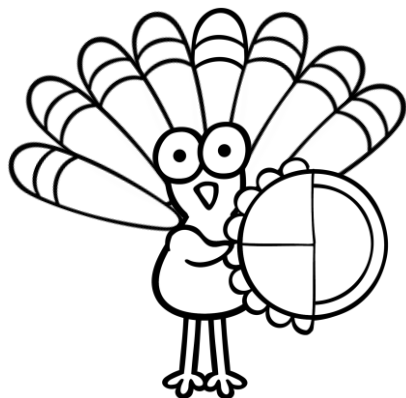


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Equivalent Fractions

Terry the Turkey wants to match his feathers to his pie tin. Color in the correct number of feathers, so that they are equal to what is in his pie tin.

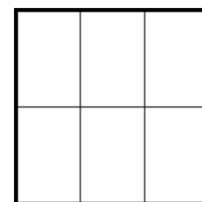
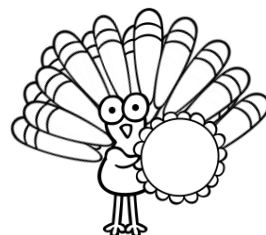
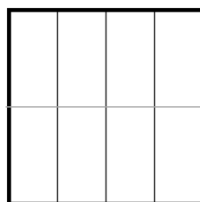
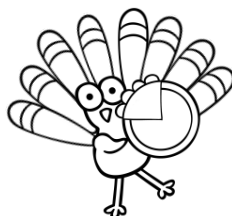
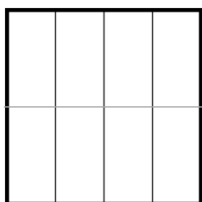
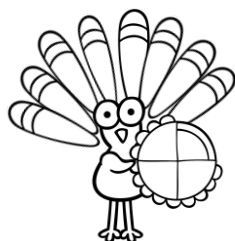
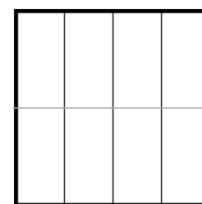
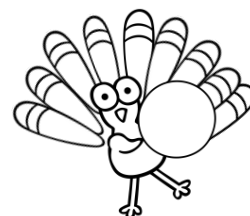
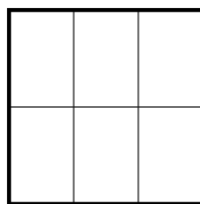
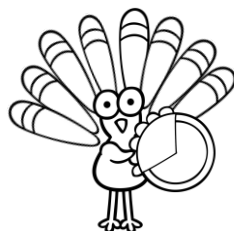
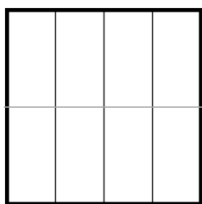
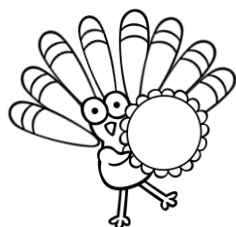
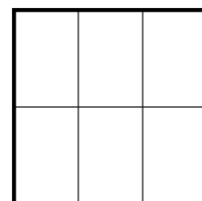
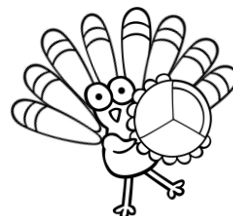
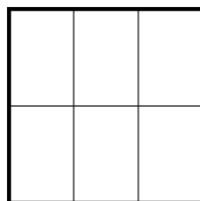
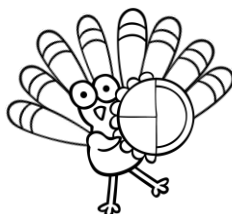
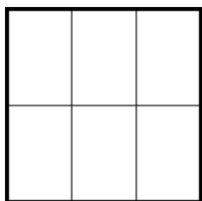
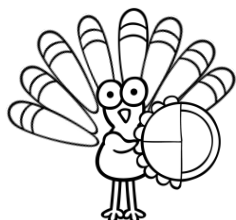


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Equivalent Fractions

Color in the Fraction that is equivalent to the pie tin fraction that Terry is holding.

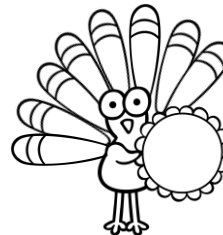
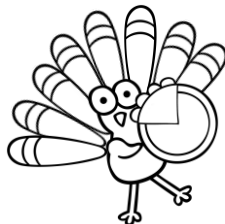
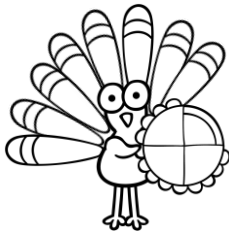
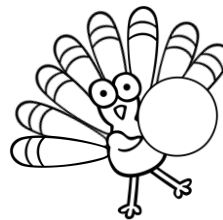
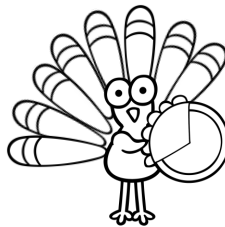
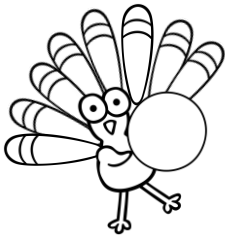
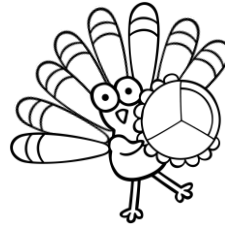
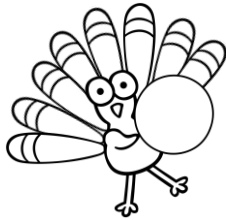
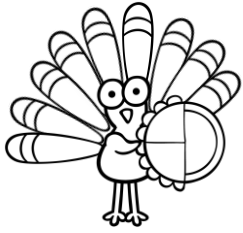


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Adding Using Fractions

Terry the Turkey wants to fill up his pie tin. Decide which fraction of a pie tin he needs to collect if he wants one full pie tin. Cut it out and glue it below him.



1/3

1/2

1

0

1/4

3/4

3/3

1/3

4/4

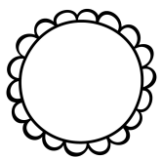
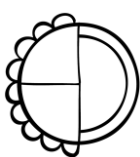
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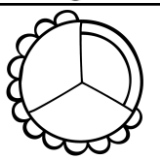

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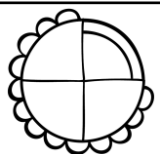
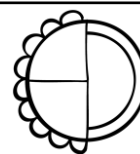
Adding Using Fractions

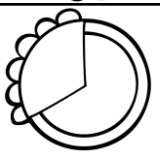
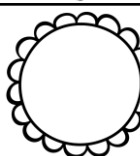
Find the sum of each set of pie tin fractions. Make sure to write out the equation, not just the answer!

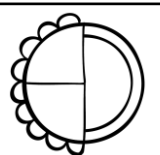
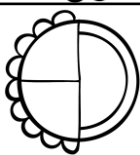
Equation:

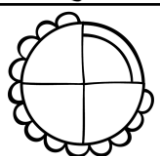

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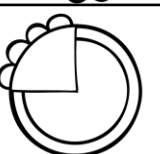

2)  +  =

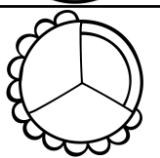

3)  +  =

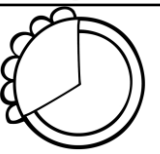
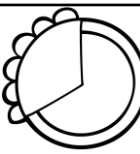
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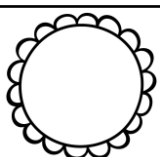

5)  +  =

6)  +  =

7)  +  =

8)  +  =

9)  +  =

10)  +  =

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Subtracting Using Fractions

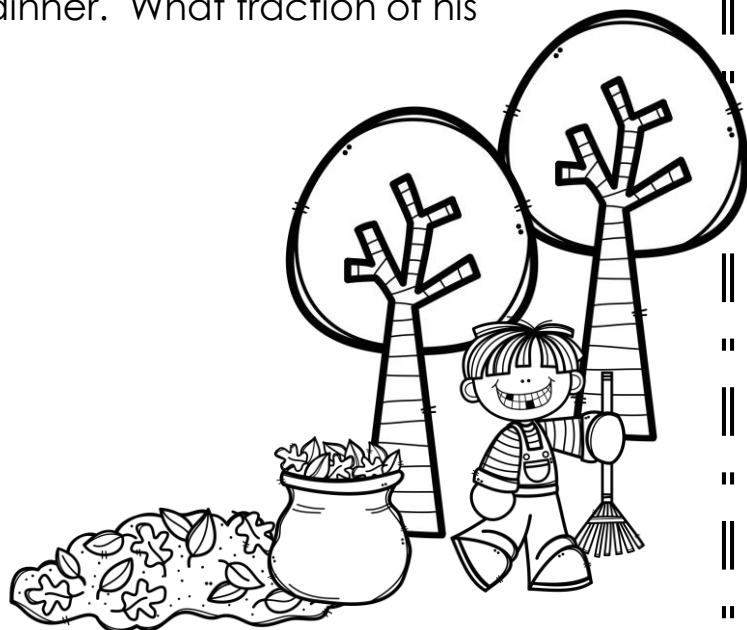
Carefully read each word problem. Write an equation and then solve it!

1) Jayden was raking leaves all morning and filled up $3 \frac{1}{2}$ bags. Janie came by and carried away 2 of the bags for him. How many bags did Jayden still need to haul away?

2) The pumpkin pie that Nana made for dessert was cut into 8 slices. There were 5 pieces left at the end of the night. Nana ate 1 piece the next morning, how much of the pie remained?

3) 12 pumpkins were left at the pumpkin patch. 8 were tall and skinny. What fraction of the pumpkins were short and wide?

4) Kai has 9 cousins in all. Of all 9 cousins who came to his house for Thanksgiving dinner, 3 of them left after dinner. What fraction of his cousins stayed over for a movie?



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Multiplication Using Fractions

Use the spinner below to select a whole number by which to multiply each fraction. To use the spinner: put a pencil through a paperclip loop, press the pencil to the center of the spinner, and give the clip a flick & you are on your way!

1) $\frac{5}{12} \times \frac{3}{1} = 1 \frac{1}{4}$

2) $\frac{6}{8} \times =$

3) $\frac{4}{100} \times =$

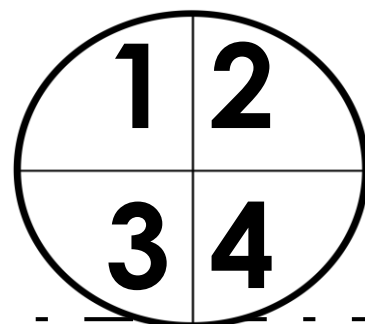
4) $\frac{2}{3} \times =$

5) $\frac{1}{2} \times =$

6) $\frac{5}{4} \times =$

7) $\frac{4}{6} \times =$

8) $\frac{7}{10} \times =$



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Multiplication Using Fractions

Cut and assemble the dice below. Write in the fractions for each line and multiply.

1) $\frac{1}{4}$ \times 2 = $\frac{1}{2}$

2) _____ \times _____ = _____

3) _____ \times _____ = _____

4) _____ \times _____ = _____

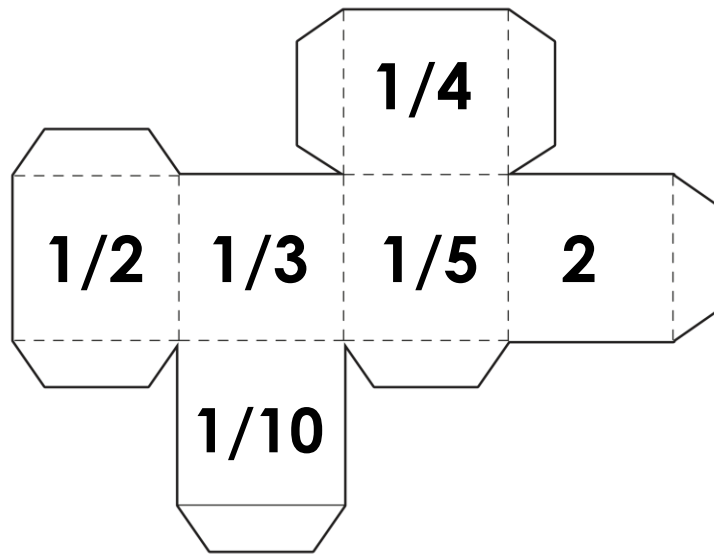
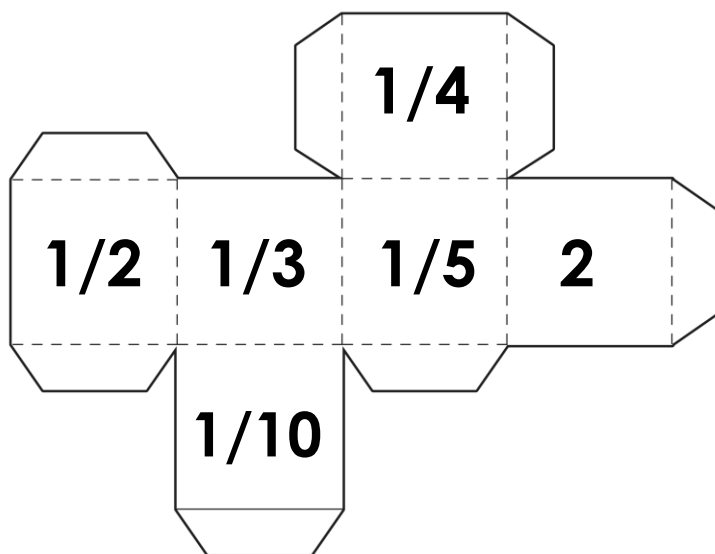
5) _____ \times _____ = _____

6) _____ \times _____ = _____

7) _____ \times _____ = _____

8) _____ \times _____ = _____

9) _____ \times _____ = _____

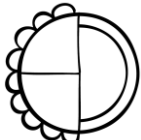
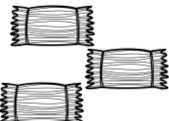





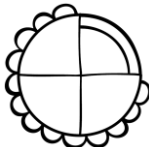
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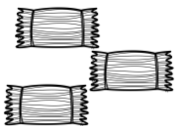


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Order of Operations Using Fractions


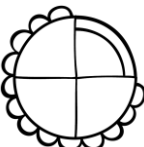
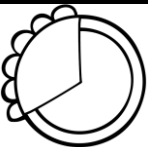
Find the correct answer using the order of operations (P.E.M.D.A.S). Each pie represents a fraction, and the total number of other objects represents a whole number.


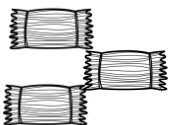
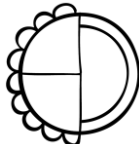
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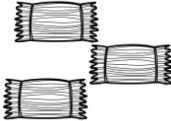
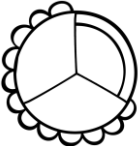
2.  x  ÷  =


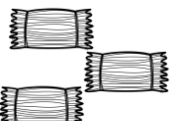

3.  +  +  =

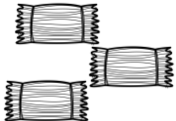
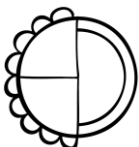

4.  ÷  x  =

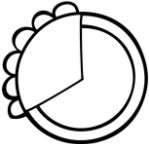


5.  ÷  -  =

6.  +  ÷  =

7.  +  x  =

8. ( - ) ÷  =

9.  x  -  =

10 ( + ) ÷  =

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Order of Operations Using Fractions

Use the order of operations (P.E.M.D.A.S.) to answer each question below.

$$1) \quad 4/12 \times 1/3 + 2 = \underline{\hspace{2cm}}$$

$$2) \quad 2/3 \div 1/3 - 2/3 = \underline{\hspace{2cm}}$$

$$3) \quad (3/6 - 1/4) \times 4 = \underline{\hspace{2cm}}$$

$$4) \quad 1/3 \times 6 \div 1/4 = \underline{\hspace{2cm}}$$

$$5) \quad 2 \times (3/8 + 4/8) = \underline{\hspace{2cm}}$$

$$6) \quad 6/10 + 3/5 \div 2 = \underline{\hspace{2cm}}$$

$$7) \quad (5/8 - 3/8) \times 1/4 = \underline{\hspace{2cm}}$$

$$8) \quad 50/10 \div 5 - 1/3 = \underline{\hspace{2cm}}$$



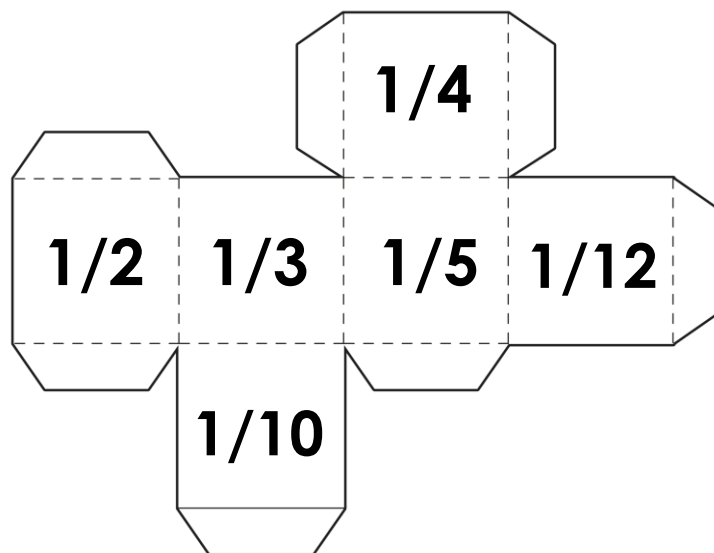
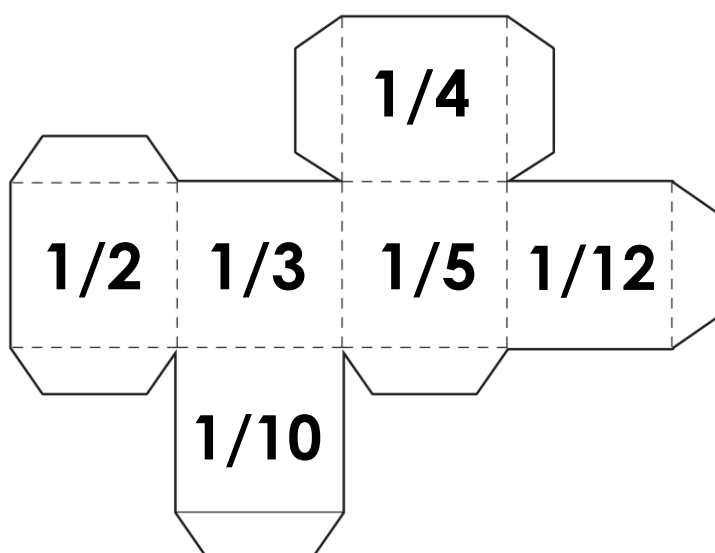
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Date: _____

Finding the Lowest Common Denominator

Cut and assemble the dice below. Write in the fractions for each line and find the lowest common denominator.

	Fraction 1	Fraction 2	LCD	Fraction 1 *New*	Fraction 2 *New*
1)	<u>1/4</u>	<u>1/5</u>	<u>20</u>	<u>5/20</u>	<u>4/20</u>
2)	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
3)	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
4)	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
5)	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
6)	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
7)	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
8)	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

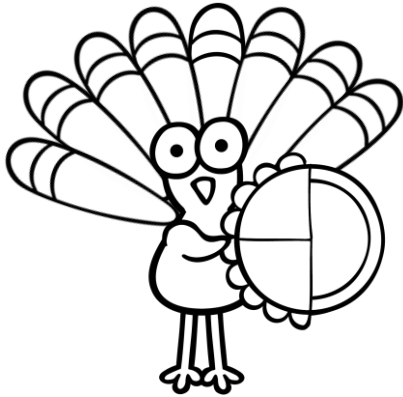


Name: _____

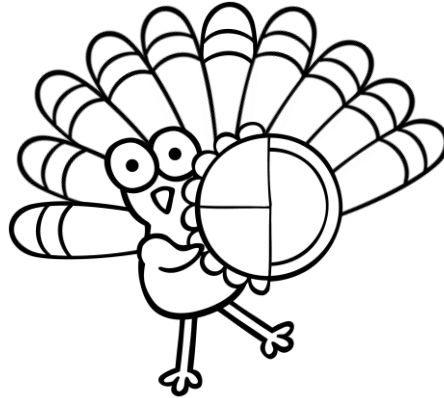
Date: _____

Equivalent Fractions

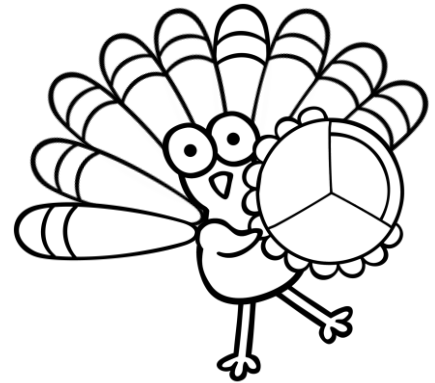
Terry the Turkey wants to match his feathers to his pie tin. Color in the correct number of feathers, so that they are equal to what is in his pie tin.



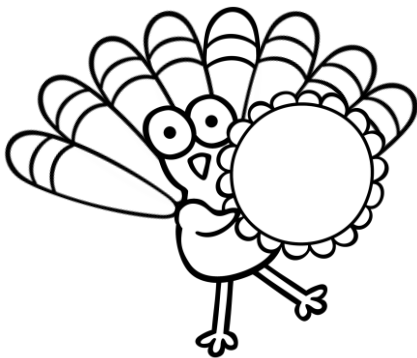
4 Feathers



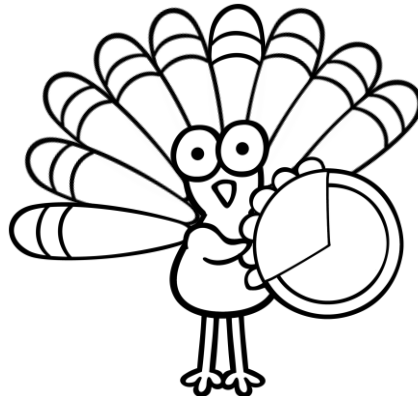
5 Feathers



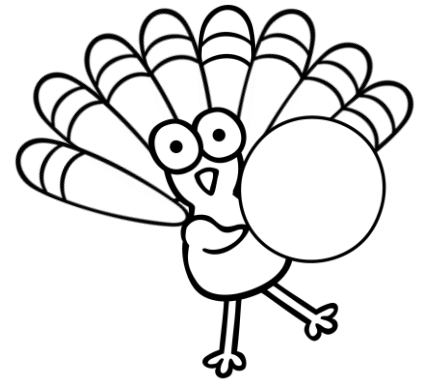
6 Feathers



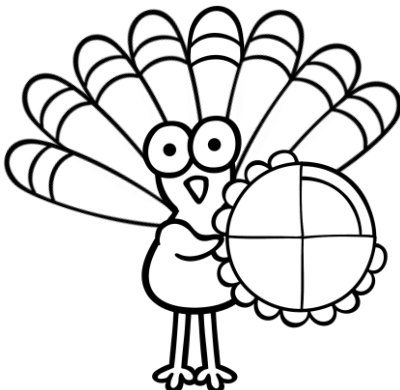
All Feathers



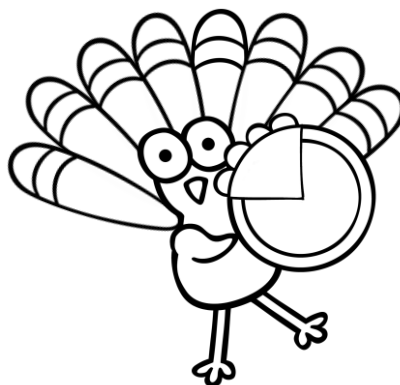
3 Feathers



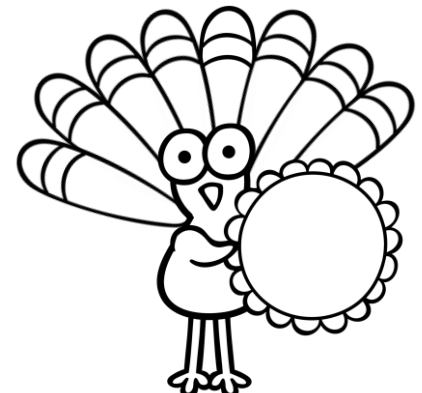
No Feathers



6 Feathers



2 Feathers



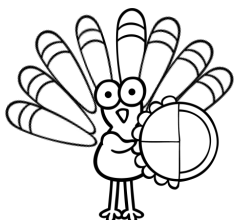
All Feathers

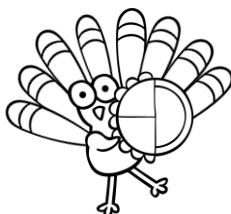
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Date: _____

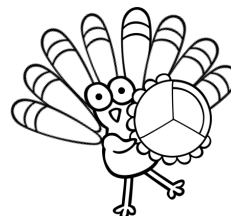
Equivalent Fractions

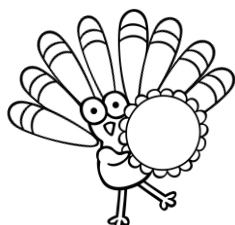
Color in the Fraction that is equivalent to the pie tin fraction that Terry is holding.

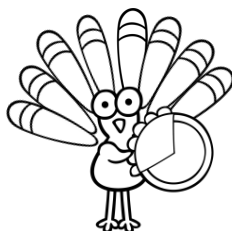


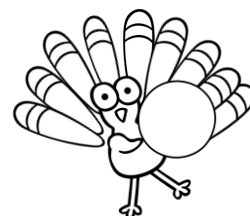


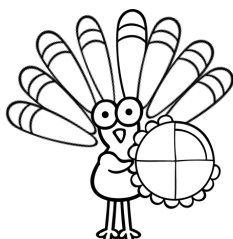
Answers will vary.

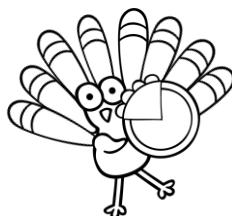


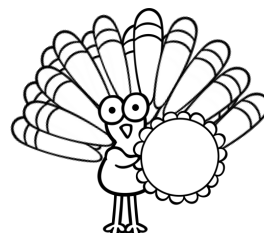










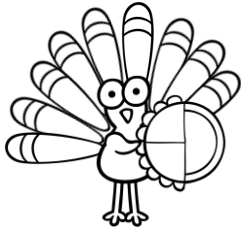


Name: _____

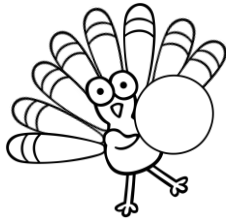
Date: _____

Adding Using Fractions

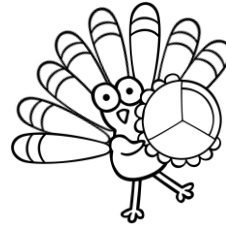
Terry the Turkey wants to fill up his pie tin. Decide which fraction of a pie tin he needs to collect if he wants one full pie tin. Cut it out and glue it below him.



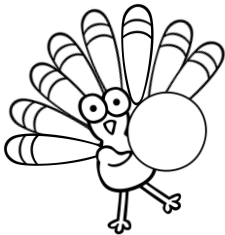
$1/2$



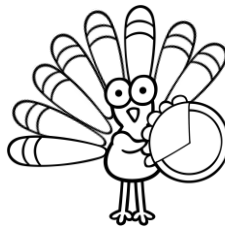
$4/4, 3/3, 1$



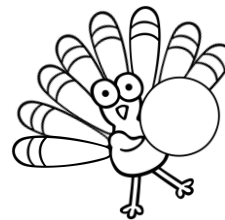
$1/3$



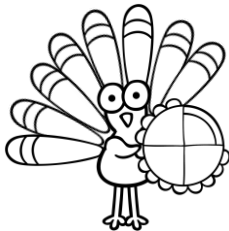
$4/4, 3/3, 1$



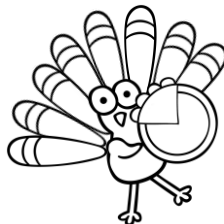
$2/3$



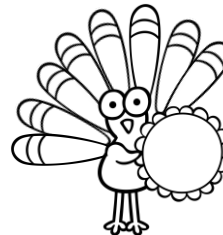
$4/4, 3/3, 1$



$1/4$



$3/4$



0

$1/3$

$1/2$

1

0

$1/4$

$3/4$

$3/3$

$2/3$

$4/4$



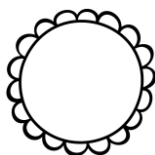
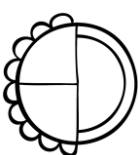
Name: _____



Date: _____

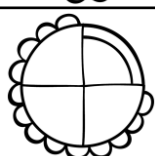
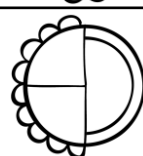
Adding Using Fractions

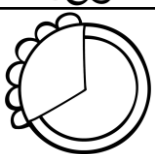
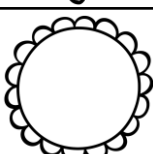
Find the sum of each set of pie tin fractions. Make sure to write out the equation, not just the answer!

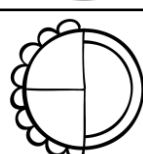
Equation:

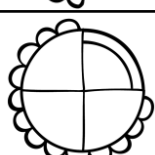
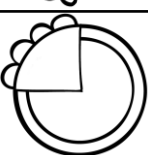
1)  +  = $1 + 1/2 = 1 \frac{1}{2}$

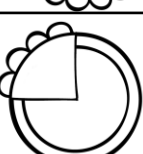
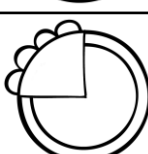
2)  +  = $2/3 + 2/3 = 1 \frac{1}{3}$

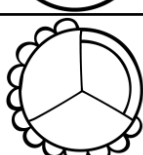
3)  +  = $3/4 + 1/2 = 1 \frac{1}{4}$

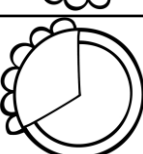
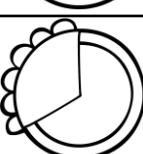
4)  +  = $1/3 + 1 = 1 \frac{1}{3}$

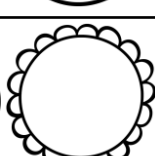
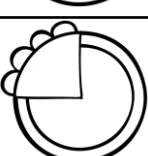
5)  +  = $1/2 + 1/2 = 1$

6)  +  = $3/4 + 1/4 = 1$

7)  +  = $1/4 + 1/4 = 1/2$

8)  +  = $2/3 + 1/3 = 1$

9)  +  = $1/3 + 1/3 = 2/3$

10)  +  = $1 + 1/4 = 1 \frac{1}{4}$

Name: _____

Date: _____

Subtracting Using Fractions

Carefully read each word problem. Write an equation and then solve it!

1) Jayden was raking leaves all morning and filled up $3 \frac{1}{2}$ bags. Janie came by and carried away 2 of the bags for him. How many bags did Jayden still need to haul away?

$$3 \frac{1}{2} - 2 = 1 \frac{1}{2}$$

2) The pumpkin pie that Nana made for dessert was cut into 8 slices. There were 5 pieces left at the end of the night. Nana ate 1 piece the next morning, how much of the pie remained?

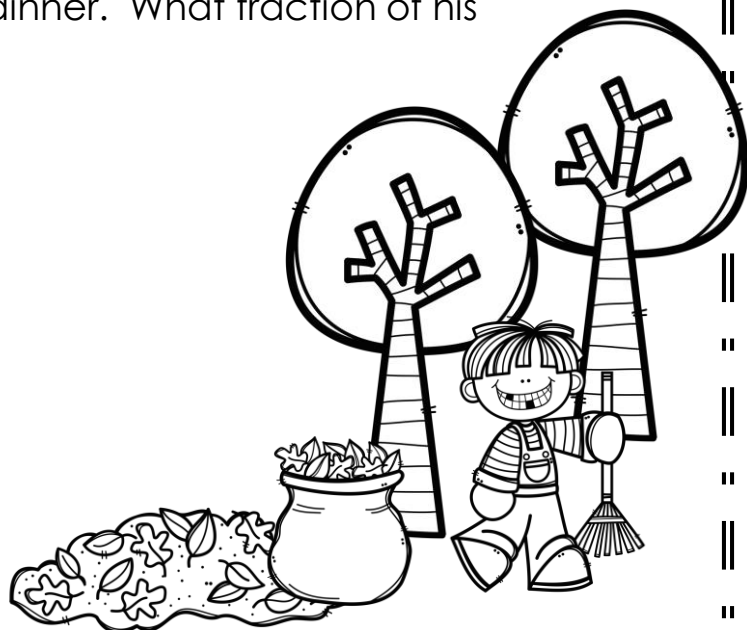
$$5/8 - 1/8 = 4/8 \text{ or } 1/2$$

3) 12 pumpkins were left at the pumpkin patch. 8 were tall and skinny. What fraction of the pumpkins were short and wide?

$$12/12 - 8/12 = 4/12 \text{ or } 1/3$$

4) Kai has 9 cousins in all. Of all 9 cousins who came to his house for Thanksgiving dinner, 3 of them left after dinner. What fraction of his cousins stayed over for a movie?

$$9/9 - 3/9 = 6/9 \text{ or } 2/3$$



Name: _____

Date: _____

Multiplication Using Fractions

Use the spinner below to select a whole number by which to multiply each fraction. To use the spinner: put a pencil through a paperclip loop, press the pencil to the center of the spinner, give the clip a flick and you are on your way!

$$1) \quad 5/12 \quad \times \quad 3/1 \quad = \quad 1 \frac{1}{4}$$

$$2) \quad 6/8 \quad \times \quad \underline{\hspace{2cm}} \quad = \quad \underline{\hspace{2cm}}$$

Answers will vary.

$$3) \quad 4/100 \quad \times \quad \underline{\hspace{2cm}} \quad = \quad \underline{\hspace{2cm}}$$

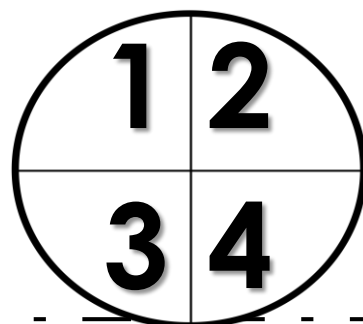
$$4) \quad 2/3 \quad \times \quad \underline{\hspace{2cm}} \quad = \quad \underline{\hspace{2cm}}$$

$$5) \quad 1/2 \quad \times \quad \underline{\hspace{2cm}} \quad = \quad \underline{\hspace{2cm}}$$

$$6) \quad 5/4 \quad \times \quad \underline{\hspace{2cm}} \quad = \quad \underline{\hspace{2cm}}$$

$$7) \quad 4/6 \quad \times \quad \underline{\hspace{2cm}} \quad = \quad \underline{\hspace{2cm}}$$

$$8) \quad 7/10 \quad \times \quad \underline{\hspace{2cm}} \quad = \quad \underline{\hspace{2cm}}$$



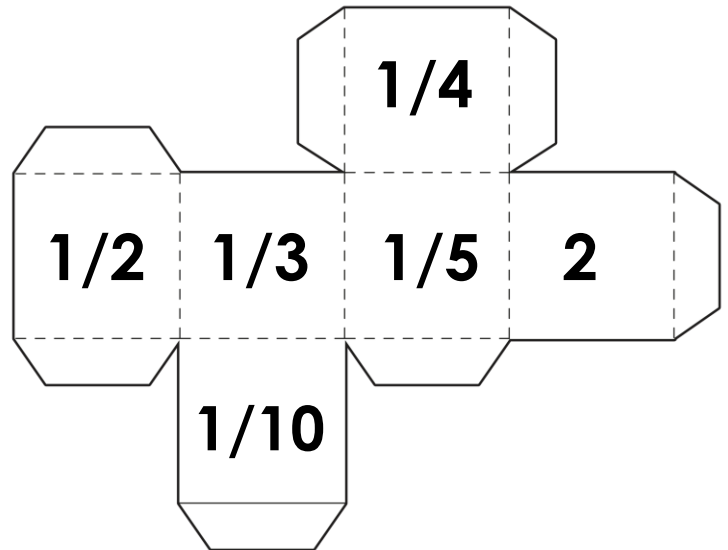
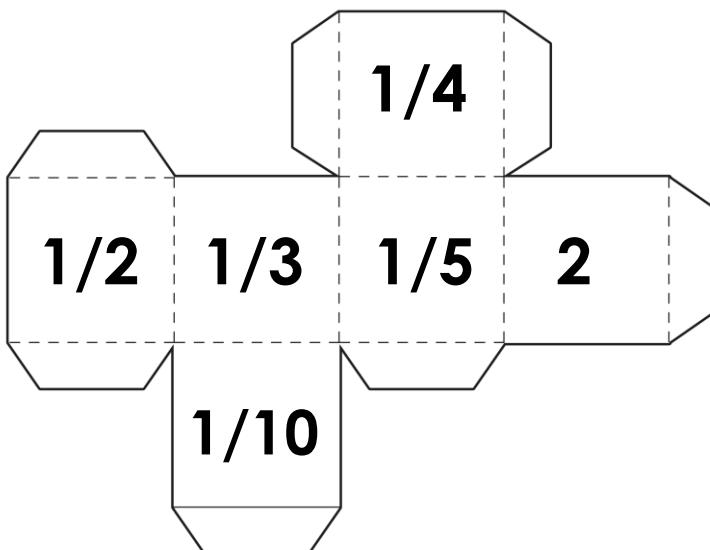
Name: _____

Date: _____

Multiplication Using Fractions

Cut and assemble the dice below. Write in the fractions for each line and multiply.

- | | | | | | |
|----|------------|---|----------|---|--------------------|
| 1) | <u>1/4</u> | x | <u>2</u> | = | <u>1/2</u> |
| 2) | _____ | x | _____ | = | Answers will vary. |
| 3) | _____ | x | _____ | = | _____ |
| 4) | _____ | x | _____ | = | _____ |
| 5) | _____ | x | _____ | = | _____ |
| 6) | _____ | x | _____ | = | _____ |
| 7) | _____ | x | _____ | = | _____ |
| 8) | _____ | x | _____ | = | _____ |
| 9) | _____ | | _____ | | _____ |



Name: _____

Date: _____

Order of Operations Using Fractions

Find the correct answer using the order of operations: P.E.M.D.A.S. Each pie represents a fraction, and the total number of other objects represents a whole number.

$$1. \quad \left(\frac{1}{2} \text{ pie} + \left(2 \text{ bundles} - 2 \text{ pumpkins} \right) \right) = 1 \frac{1}{2}$$

$$2. \quad 4 \text{ bags} \times \left(\frac{1}{4} \text{ pie} \div \frac{1}{2} \text{ pie} \right) = 1 \frac{1}{3}$$

$$3. \quad 3 \text{ bundles} + \left(\frac{2}{3} \text{ pie} + 1 \text{ pumpkin} \right) = 4 \frac{2}{3}$$

$$4. \quad 2 \text{ pumpkins} \div 4 \text{ bags} \times \left(\frac{1}{4} \text{ pie} \right) = \frac{1}{6}$$

$$5. \quad 4 \text{ bags} \div \left(\frac{1}{2} \text{ pie} - \frac{1}{4} \text{ pie} \right) = 5$$

$$6. \quad 4 \text{ bags} + 2 \text{ bundles} \div \left(\frac{1}{2} \text{ pie} \right) = 10$$

$$7. \quad 1 \text{ pumpkin} + 2 \text{ bundles} \times \left(\frac{2}{3} \text{ pie} \right) = 3$$

$$8. \quad \left(4 \text{ bags} - 2 \text{ bundles} \right) \div \left(\frac{1}{4} \text{ pie} \right) = 3$$

$$9. \quad 2 \text{ bundles} \times \left(\frac{1}{2} \text{ pie} - \frac{1}{4} \text{ pie} \right) = 1 \frac{1}{4}$$

$$10. \quad \left(\frac{1}{4} \text{ pie} + \frac{1}{4} \text{ pie} \right) \div 2 \text{ pumpkins} = \frac{1}{3}$$

Name: _____

Date: _____

Order of Operations Using Fractions

Use the order of operations (P.E.M.D.A.S.) to answer each question below.

$$1) \quad 4/12 \times 1/3 + 2 = 2 \frac{1}{9}$$

$$2) \quad 2/3 \div 1/3 - 2/3 = 1 \frac{1}{3}$$

$$3) \quad (3/6 - 1/4) \times 4 = 1$$

$$4) \quad 1/3 \times 6 \div 1/4 = 8$$

$$5) \quad 2 \times (3/8 + 4/8) = 1 \frac{3}{4}$$

$$6) \quad 6/10 + 3/5 \div 2 = 9/10$$

$$7) \quad (5/8 - 3/8) \times 1/4 = 1/16$$

$$8) \quad 50/10 \div 5 - 1/3 = 2/3$$



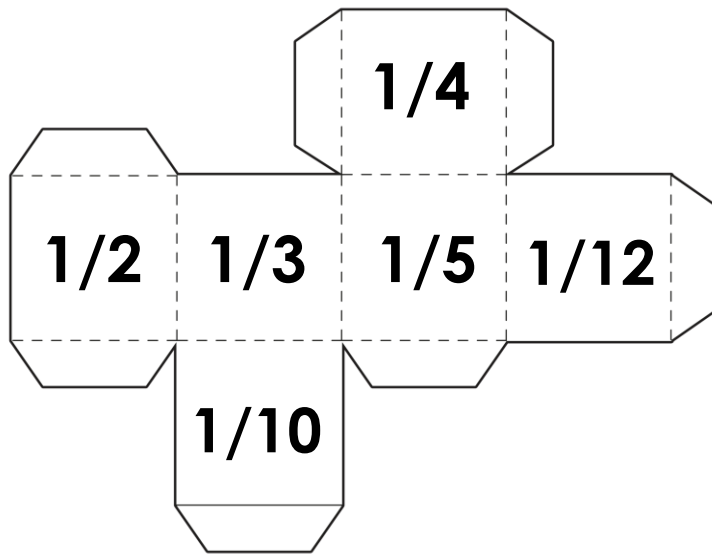
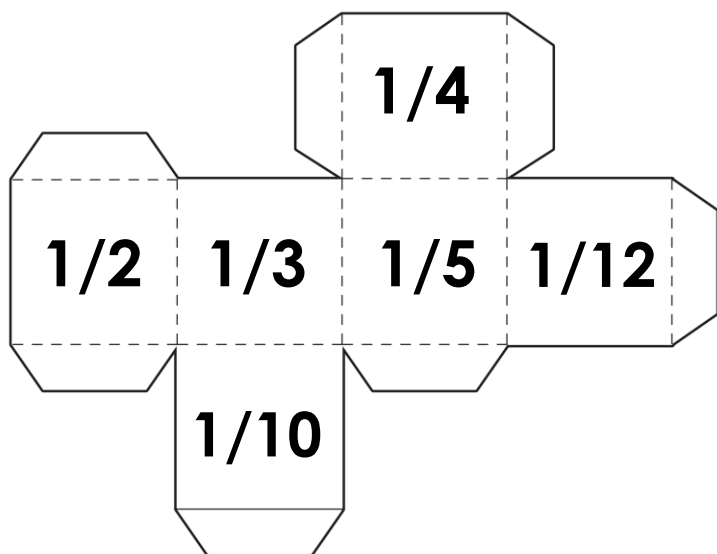
Name: _____

Date: _____

Finding the Lowest Common Denominator

Cut and assemble the dice below. Write in the fractions for each line and find the lowest common denominator.

	Fraction 1	Fraction 2	LCD	Fraction 1 *New*	Fraction 2 *New*
1)	$\frac{1}{4}$	$\frac{1}{5}$	20	$\frac{5}{20}$	$\frac{4}{20}$
2)	_____	_____	_____	Answers will vary.	
3)	_____	_____	_____	_____	_____
4)	_____	_____	_____	_____	_____
5)	_____	_____	_____	_____	_____
6)	_____	_____	_____	_____	_____
7)	_____	_____	_____	_____	_____
8)	_____	_____	_____	_____	_____



Fall Fractions Packet

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