NAME _____

Date _____ Class_____

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Adding Fractions with Unlike Denominators: Practice B

1. $\frac{3}{12}+\frac{3}{5}=$	2. $\frac{1}{3}+\frac{2}{7}=$
3. $\frac{2}{15}+\frac{3}{4}=$	4. $\frac{5}{16}+\frac{2}{9}=$
5. $\frac{1}{8}+\frac{3}{13}=$	6. $\frac{2}{22}+\frac{5}{17}=$
7. $\frac{2}{4}+\frac{3}{12}=$	8. $\frac{4}{15}+\frac{1}{6}=$
9. $\frac{2}{5}+\frac{4}{14}=$	10. $\frac{3}{13}+\frac{4}{7}=$

Name : _____ Score : _____

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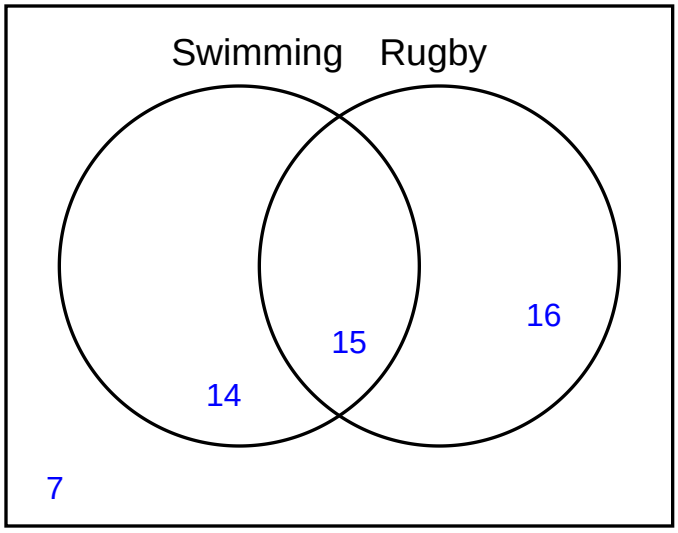
Answer the Questions Based on the Venn Diagram



1) How many students only like Rugby ? _____

2) How many students like Swimming or Rugby ? _____

3) How many students like both Swimming and Rugby ? _____

4) How many students only like Swimming ? _____

5) How many students do not like Swimming ? _____

6) How many students do not like both Swimming and Rugby ? _____

7) How many students like Swimming ? _____

8) How many students do not like Rugby ? _____

9) How many students like Rugby ? _____

10) How many students do not like either Swimming or Rugby ? _____

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Subtracting Fractions with Unlike Denominators: Practice B

1. $\frac{3}{12}-\frac{1}{5}=$	2. $\frac{2}{3}-\frac{1}{18}=$
3. $\frac{14}{18}-\frac{1}{3}=$	4. $\frac{8}{9}-\frac{4}{15}=$
5. $\frac{5}{7}-\frac{1}{5}=$	6. $\frac{7}{10}-\frac{1}{4}=$
7. $\frac{3}{4}-\frac{2}{5}=$	8. $\frac{4}{5}-\frac{2}{7}=$
9. $\frac{11}{12}-\frac{1}{9}=$	10. $\frac{3}{6}-\frac{1}{11}=$

NAME _____

Date _____ Period_____

Section 1.1

ALGEBRA

Solving Equations w/ Addition & Subtraction: Practice B

Directions: Write the phrase mathematically (if needed), and then **simplify** the expression.

1. $y - 6 = 8$	2. $x + 4 = 3$
3. $b - 4 = 8$	4. $f + 2 = 6$
5. $v - 7 = 9$	6. $w - 3 = -2$
7. $k + 4 = -3$	8. $e - 14 = -19$
9. $x + 7 = 9$	10. $a + 4 = 1$

11. $j - 11 = 14$	12. $y + 7 = 13$
13. $m + 2 = 6$	14. $h - 1 = -4$
15. $c + 2 = -9$	16. $r + 22 = -14$
17. $u + 4 = 7$	18. $z - 5 = -12$
19. $q - 1 = -11$	20. $k + 8 = 9$

Name : _____ Score : _____

Teacher : _____ Date : _____

Expanded Notation

Write each number in expanded notation.

1) 77,421 = _____

2) 71,824 = _____

3) 76,727 = _____

4) 71,182 = _____

5) 95,939 = _____

6) 90,949 = _____

7) 80,995 = _____

8) 70,385 = _____

9) 64,926 = _____

10) 60,374 = _____

Write Each Number in Standard Form.

11) _____ = (9 x 10000) + (6 x 1000) + (2 x 100) + (5 x 10) + (6 x 1)

12) _____ = (7 x 10000) + (1 x 1000) + (6 x 100) + (2 x 10) + (6 x 1)

13) _____ = (7 x 10000) + (9 x 1000) + (5 x 100) + (0 x 10) + (2 x 1)

14) _____ = (7 x 10000) + (1 x 1000) + (6 x 100) + (0 x 10) + (4 x 1)

15) _____ = (4 x 10000) + (2 x 1000) + (6 x 100) + (7 x 10) + (6 x 1)

16) _____ = (5 x 10000) + (4 x 1000) + (6 x 100) + (8 x 10) + (6 x 1)

17) _____ = (7 x 10000) + (2 x 1000) + (7 x 100) + (7 x 10) + (1 x 1)

18) _____ = (2 x 10000) + (5 x 1000) + (5 x 100) + (3 x 10) + (4 x 1)

19) _____ = (6 x 10000) + (5 x 1000) + (0 x 100) + (7 x 10) + (6 x 1)

20) _____ = (6 x 10000) + (7 x 1000) + (8 x 100) + (0 x 10) + (7 x 1)

Name : _____ Score : _____

Teacher : _____ Date : _____

Order of Operations

1) $(10 + 27 - 5) \div 8 + 3^2$

2) $(15 + 46 - 5^2) \div (9 - 7)$

3) $(14 + 50 - 6^2) \div (14 - 7)$

4) $(15 + 28 - 3) \div 4 + 2^2$

5) $(3 + 4)^2 + (6 - 12 \div 3)$

6) $(8 - 3)^2 + (13 + 14 \div 7)$

7) $(14 + 4) \times (8 - 6) - 7^2$

8) $(10 - 7) \times (9 - 6) + 6^2$

9) $7 \times (9 \times 8 + 4^2) - 6$

10) $2 \times (3 \times 6 + 3^2) - 2$

NAME _____

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Multiplying Fractions and Mixed Numbers: Practice B

1. $2\frac{1}{5}\cdot\frac{2}{7}=$	2. $2\frac{2}{9}\times\frac{5}{4}=$
3. $1\frac{1}{3}\times 3\frac{3}{10}=$	4. $4\frac{3}{4}\times 2\frac{2}{3}=$
5. $\frac{1}{4}\cdot\frac{9}{3}=$	6. $2\frac{2}{6}\cdot 2\frac{1}{3}=$
7. $6\frac{6}{7}\cdot 9\frac{2}{11}=$	8. $\frac{12}{13}\times 2\frac{2}{8}=$
9. $\frac{4}{3}\times\frac{3}{8}=$	10. $5\frac{5}{9}\cdot 1\frac{1}{6}=$

NAME _____

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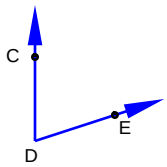
Dividing Fractions and Mixed Numbers: Practice B

1. $1\frac{1}{5} \div \frac{2}{3} =$	2. $5\frac{2}{7} \div 1\frac{1}{2} =$
3. $2\frac{2}{10} \div \frac{1}{6} =$	4. $2\frac{2}{3} \div \frac{1}{12} =$
5. $\frac{10}{3} \div 5\frac{1}{4} =$	6. $2\frac{5}{6} \div \frac{5}{7} =$
7. $4\frac{4}{8} \div \frac{11}{12} =$	8. $\frac{4}{15} \div \frac{1}{7} =$
9. $1\frac{1}{3} \div \frac{3}{3} =$	10. $\frac{3}{5} \div 2\frac{1}{4} =$

Name : _____ Score : _____

Teacher : _____ Date : _____

Name the vertex and sides of each angle.

1) 

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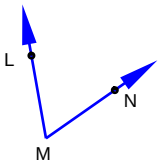
2) 

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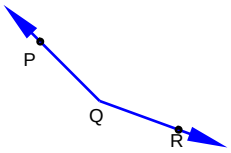
3) 

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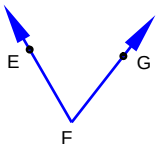
4) 

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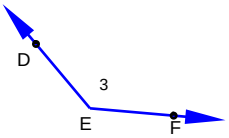
Name each angle in four ways.

5) 

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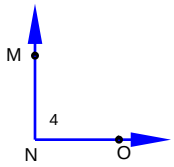
6) 

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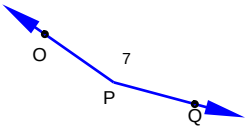
7) 

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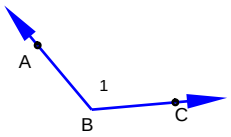
8) 

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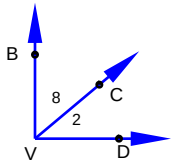
Name all the angles that have V as a vertex.

9) 

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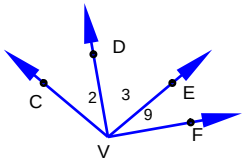
10) 

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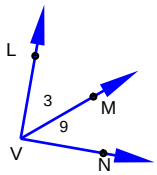
11) 

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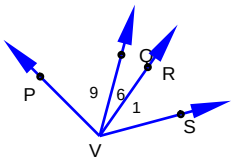
12) 

_____

Addition and Subtraction
Rational Numbers
Evaluate

Name:_____

Worksheet # 3

1.) $(-3) - (-5.7)$

2.) $7.1 + (-3.2)$

3.) $7.1 - 7.6$

4.) $(-7.6) + (-2.7)$

5.) $(-3.1) + (-4.4)$

6.) $4.2 - 3.6$

7.) $(-0.2) - 0.3$

8.) $(-2.75) + 1.4$

9.) $(-5.6) - 6.8$

10.) $2.1 - 5.9$