

Name : _____

Score : _____

Teacher : _____

Date : _____

Adding Simple Fractions

1) $\frac{3}{10} + \frac{6}{10} =$

2) $\frac{1}{9} + \frac{2}{9} =$

3) $\frac{1}{8} + \frac{4}{8} =$

4) $\frac{2}{12} + \frac{4}{12} =$

5) $\frac{3}{7} + \frac{3}{7} =$

6) $\frac{2}{5} + \frac{2}{5} =$

7) $\frac{1}{3} + \frac{1}{3} =$

8) $\frac{4}{9} + \frac{4}{9} =$

9) $\frac{5}{11} + \frac{5}{11} =$

10) $\frac{1}{4} + \frac{2}{4} =$

Name : _____

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Adding Simple Fractions

1) $\frac{1}{11} + \frac{4}{11} =$

2) $\frac{1}{6} + \frac{1}{6} =$

3) $\frac{1}{9} + \frac{5}{9} =$

4) $\frac{2}{7} + \frac{3}{7} =$

5) $\frac{1}{8} + \frac{5}{8} =$

6) $\frac{1}{5} + \frac{2}{5} =$

7) $\frac{1}{10} + \frac{6}{10} =$

8) $\frac{2}{12} + \frac{3}{12} =$

9) $\frac{1}{4} + \frac{1}{4} =$

10) $\frac{1}{9} + \frac{6}{9} =$

Name : _____

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Date : _____

Adding Simple Fractions

1) $\frac{4}{11} + \frac{4}{11} =$

2) $\frac{2}{10} + \frac{6}{10} =$

3) $\frac{2}{9} + \frac{6}{9} =$

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

5) $\frac{2}{8} + \frac{2}{8} =$

6) $\frac{1}{9} + \frac{7}{9} =$

7) $\frac{1}{12} + \frac{9}{12} =$

8) $\frac{1}{4} + \frac{1}{4} =$

9) $\frac{1}{6} + \frac{3}{6} =$

10) $\frac{3}{11} + \frac{7}{11} =$

Name : _____

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Converting Improper Fractions to Mixed Numbers

1) $\frac{31}{4} =$ _____

2) $\frac{21}{6} =$ _____

3) $\frac{24}{9} =$ _____

4) $\frac{10}{3} =$ _____

5) $\frac{7}{2} =$ _____

6) $\frac{20}{3} =$ _____

7) $\frac{29}{6} =$ _____

8) $\frac{18}{8} =$ _____

9) $\frac{17}{5} =$ _____

10) $\frac{52}{9} =$ _____

11) $\frac{37}{10} =$ _____

12) $\frac{21}{8} =$ _____

13) $\frac{63}{8} =$ _____

14) $\frac{50}{9} =$ _____

15) $\frac{41}{7} =$ _____

Converting Mixed Numbers to Improper Fractions

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

2) $7\frac{1}{6} =$ _____

3) $3\frac{1}{4} =$ _____

4) $3\frac{3}{10} =$ _____

5) $6\frac{1}{4} =$ _____

6) $5\frac{1}{2} =$ _____

7) $3\frac{2}{3} =$ _____

8) $4\frac{4}{5} =$ _____

9) $4\frac{1}{5} =$ _____

10) $3\frac{4}{5} =$ _____

11) $9\frac{1}{4} =$ _____

12) $3\frac{6}{7} =$ _____

13) $9\frac{1}{2} =$ _____

14) $9\frac{1}{4} =$ _____

15) $2\frac{3}{7} =$ _____

Name : _____

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Date : _____

Converting Improper Fractions to Mixed Numbers

1) $\frac{34}{9} =$ _____

2) $\frac{14}{3} =$ _____

3) $\frac{58}{8} =$ _____

4) $\frac{67}{10} =$ _____

5) $\frac{7}{2} =$ _____

6) $\frac{13}{4} =$ _____

7) $\frac{34}{10} =$ _____

8) $\frac{41}{8} =$ _____

9) $\frac{13}{6} =$ _____

10) $\frac{59}{10} =$ _____

11) $\frac{14}{3} =$ _____

12) $\frac{27}{4} =$ _____

13) $\frac{52}{10} =$ _____

14) $\frac{24}{5} =$ _____

15) $\frac{11}{3} =$ _____

Converting Mixed Numbers to Improper Fractions

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

2) $6\frac{5}{8} =$ _____

3) $3\frac{7}{8} =$ _____

4) $5\frac{1}{5} =$ _____

5) $5\frac{5}{6} =$ _____

6) $6\frac{6}{7} =$ _____

7) $3\frac{1}{4} =$ _____

8) $4\frac{1}{7} =$ _____

9) $2\frac{5}{9} =$ _____

10) $8\frac{3}{5} =$ _____

11) $7\frac{3}{7} =$ _____

12) $4\frac{1}{2} =$ _____

13) $7\frac{5}{9} =$ _____

14) $5\frac{5}{6} =$ _____

15) $7\frac{1}{2} =$ _____

Name : _____

Score : _____

Teacher : _____

Date : _____

Converting Improper Fractions to Mixed Numbers

1) $\frac{17}{5} =$ _____

2) $\frac{23}{4} =$ _____

3) $\frac{21}{5} =$ _____

4) $\frac{50}{7} =$ _____

5) $\frac{36}{10} =$ _____

6) $\frac{61}{10} =$ _____

7) $\frac{29}{6} =$ _____

8) $\frac{40}{9} =$ _____

9) $\frac{30}{7} =$ _____

10) $\frac{75}{10} =$ _____

11) $\frac{31}{4} =$ _____

12) $\frac{7}{3} =$ _____

13) $\frac{21}{8} =$ _____

14) $\frac{23}{4} =$ _____

15) $\frac{22}{6} =$ _____

Converting Mixed Numbers to Improper Fractions

1) $2\frac{1}{10} =$ _____

2) $9\frac{1}{2} =$ _____

3) $7\frac{1}{2} =$ _____

4) $6\frac{1}{2} =$ _____

5) $9\frac{1}{3} =$ _____

6) $6\frac{1}{4} =$ _____

7) $8\frac{5}{8} =$ _____

8) $2\frac{5}{8} =$ _____

9) $9\frac{2}{5} =$ _____

10) $5\frac{1}{4} =$ _____

11) $4\frac{4}{9} =$ _____

12) $6\frac{2}{3} =$ _____

13) $5\frac{2}{7} =$ _____

14) $8\frac{2}{3} =$ _____

15) $4\frac{1}{3} =$ _____

Name : _____

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Teacher : _____

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Subtracting Simple Fractions

1) $\frac{4}{5} - \frac{3}{5} =$

2) $\frac{3}{8} - \frac{2}{8} =$

3) $\frac{9}{12} - \frac{1}{12} =$

4) $\frac{6}{11} - \frac{1}{11} =$

5) $\frac{10}{12} - \frac{9}{12} =$

6) $\frac{3}{10} - \frac{1}{10} =$

7) $\frac{10}{11} - \frac{1}{11} =$

8) $\frac{3}{12} - \frac{1}{12} =$

9) $\frac{3}{4} - \frac{1}{4} =$

10) $\frac{3}{7} - \frac{2}{7} =$

Name : _____

Score : _____

Teacher : _____

Date : _____

Subtracting Simple Fractions

1) $\frac{4}{5} - \frac{3}{5} =$

2) $\frac{3}{8} - \frac{2}{8} =$

3) $\frac{9}{12} - \frac{1}{12} =$

4) $\frac{6}{11} - \frac{1}{11} =$

5) $\frac{10}{12} - \frac{9}{12} =$

6) $\frac{3}{10} - \frac{1}{10} =$

7) $\frac{10}{11} - \frac{1}{11} =$

8) $\frac{3}{12} - \frac{1}{12} =$

9) $\frac{3}{4} - \frac{1}{4} =$

10) $\frac{3}{7} - \frac{2}{7} =$

Name : _____

Score : _____

Teacher : _____

Date : _____

Subtracting Simple Fractions

1) $\frac{4}{5} - \frac{3}{5} =$

2) $\frac{3}{8} - \frac{2}{8} =$

3) $\frac{9}{12} - \frac{1}{12} =$

4) $\frac{6}{11} - \frac{1}{11} =$

5) $\frac{10}{12} - \frac{9}{12} =$

6) $\frac{3}{10} - \frac{1}{10} =$

7) $\frac{10}{11} - \frac{1}{11} =$

8) $\frac{3}{12} - \frac{1}{12} =$

9) $\frac{3}{4} - \frac{1}{4} =$

10) $\frac{3}{7} - \frac{2}{7} =$

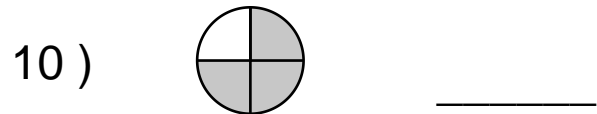
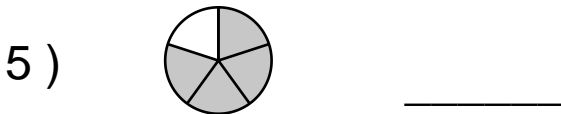
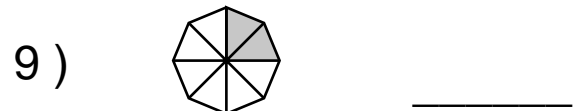
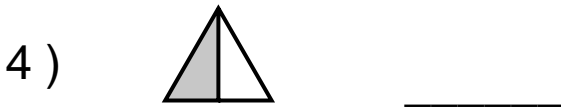
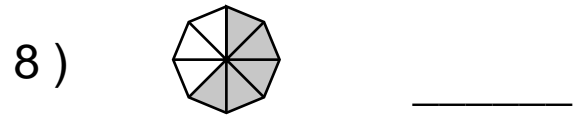
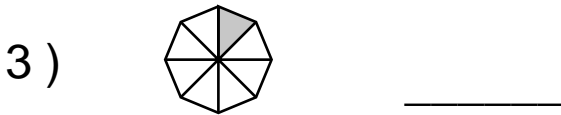
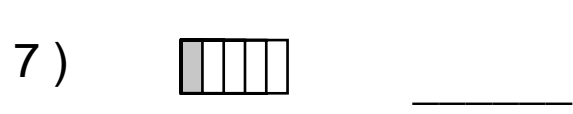
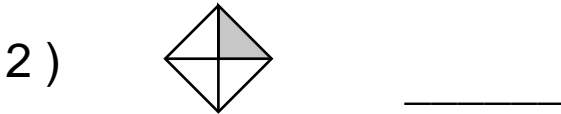
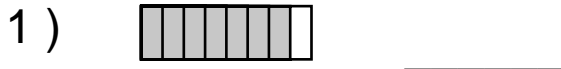
Name : _____

Score : _____

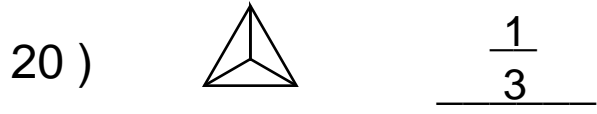
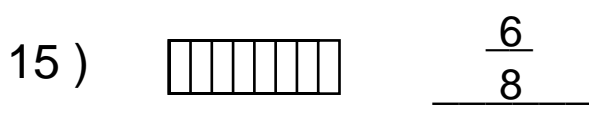
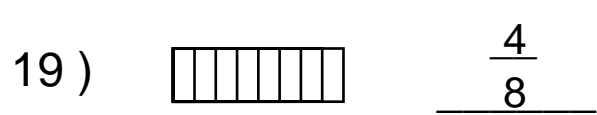
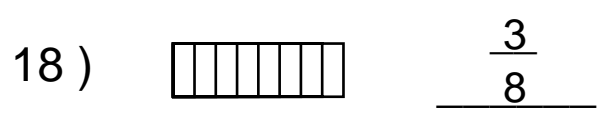
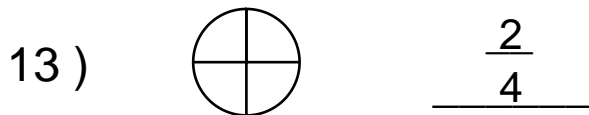
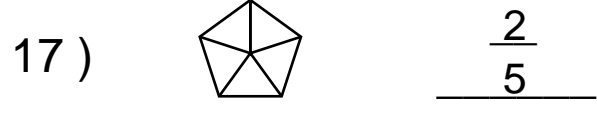
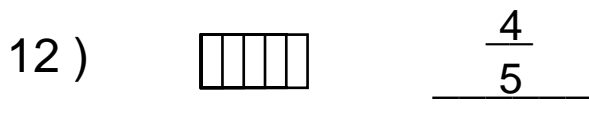
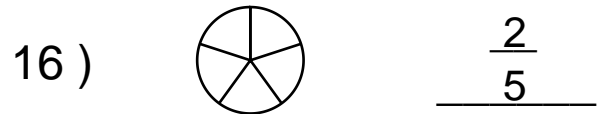
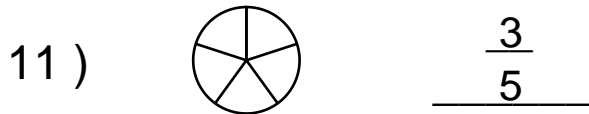
Teacher : _____

Date : _____

What is the Fraction of the Shaded Area ?



Shade the Figure with the Indicated Fraction.



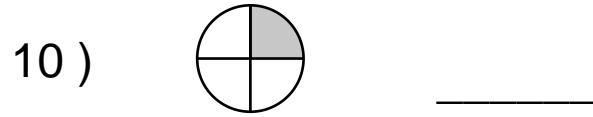
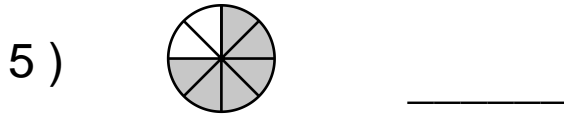
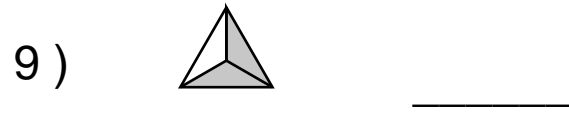
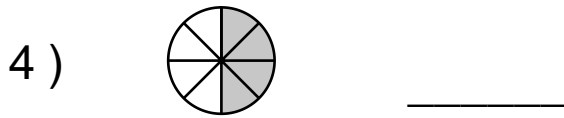
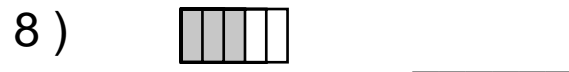
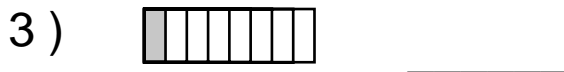
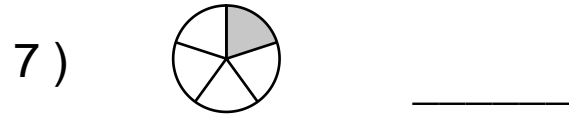
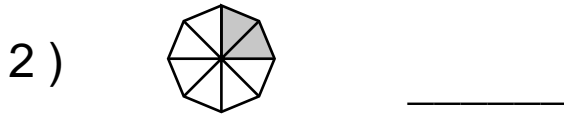
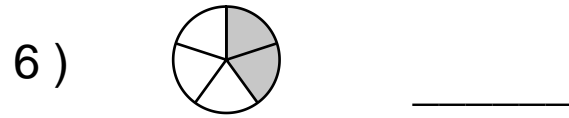
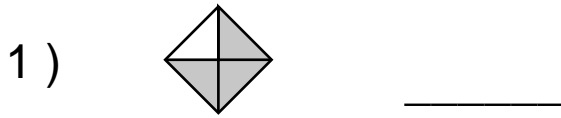
Name : _____

Score : _____

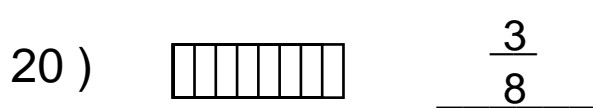
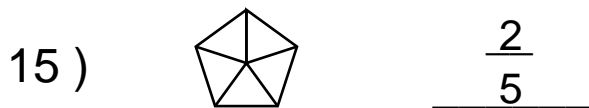
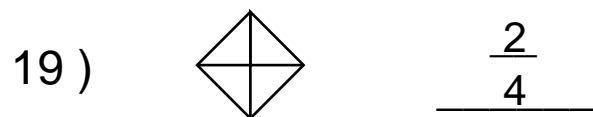
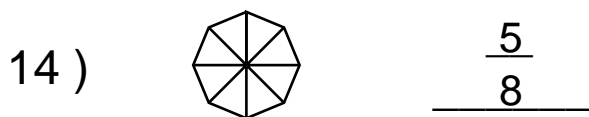
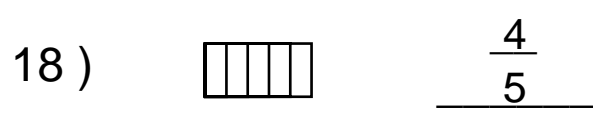
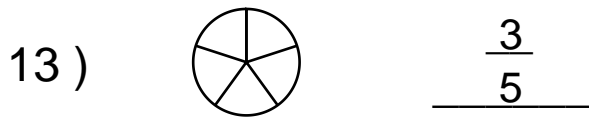
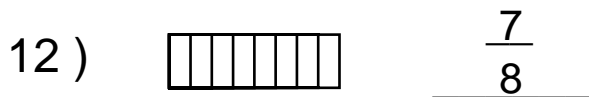
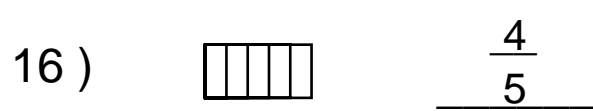
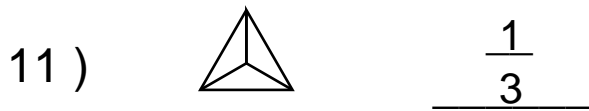
Teacher : _____

Date : _____

What is the Fraction of the Shaded Area ?



Shade the Figure with the Indicated Fraction.



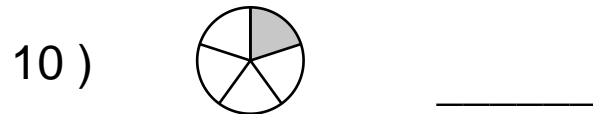
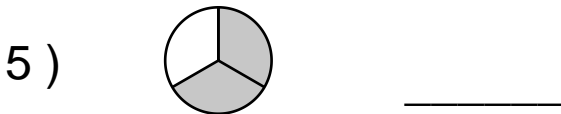
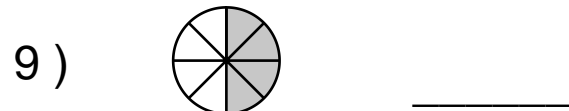
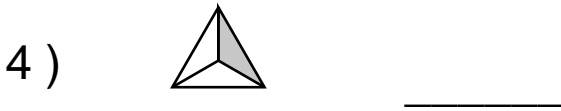
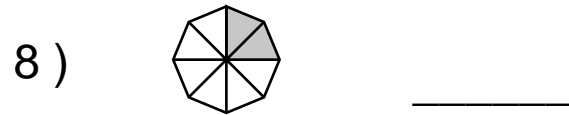
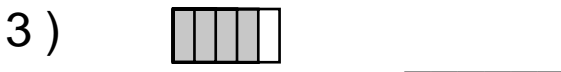
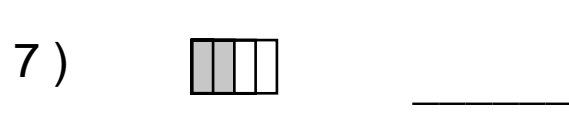
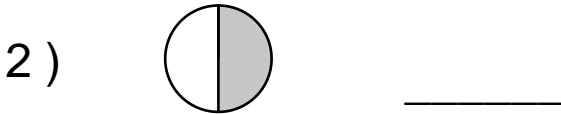
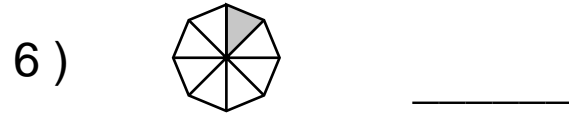
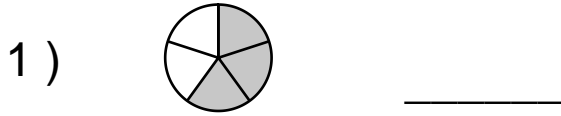
Name : _____

Score : _____

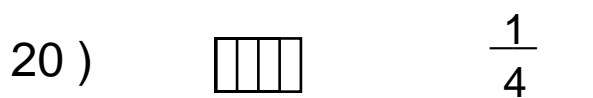
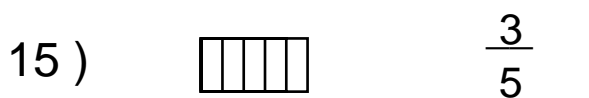
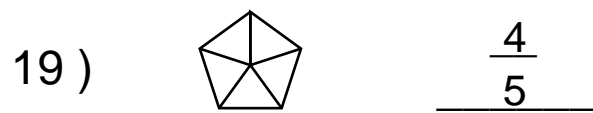
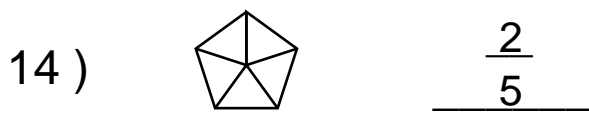
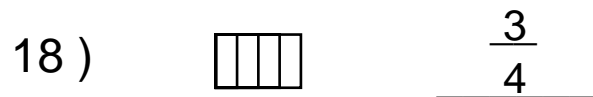
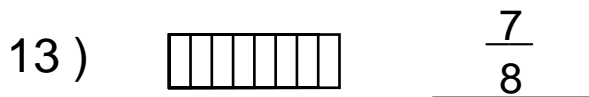
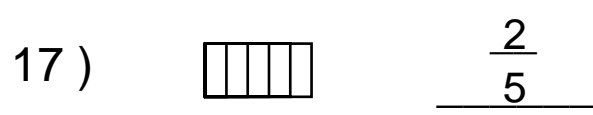
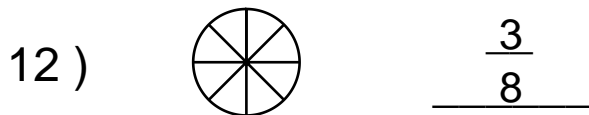
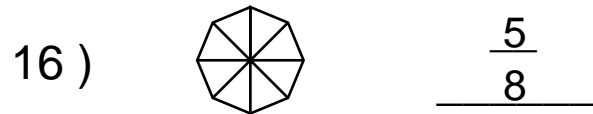
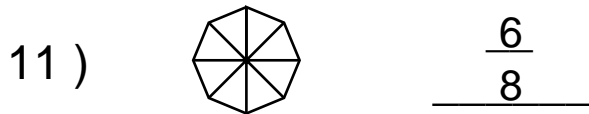
Teacher : _____

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What is the Fraction of the Shaded Area ?



Shade the Figure with the Indicated Fraction.



Name : _____

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Teacher : _____

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Simplifying Algebraic Expressions

1) $b + 4w$ use $b = 2$ and $w = 5$

6) $-8f + 5 + 9r + 4$ use $f = 5$ and $r = 4$

2) $8(7 - 3x) + 2n$ use $x = 3$ and $n = 2$

7) $-3(6x - 8f)$ use $x = 6$ and $f = 2$

3) $-9b + 8(3 + 5c)$ use $c = 8$ and $b = 9$

8) $3d + 2 + 5k$ use $d = 2$ and $k = 7$

4) $s - 9k$ use $s = 4$ and $k = 9$

9) $-9 + 4 - 2w - 3d$ use $w = 2$ and $d = 8$

5) $4(-9x + 3w)$ use $w = 9$ and $x = 8$

10) $\frac{f}{9} + 9n$ use $f = 27$ and $n = 8$



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Simplifying Algebraic Expressions

1) $\frac{18}{f} + 6 + 7c$ use $f = 6$ and $c = 9$

6) $9 + 7h - 4k$ use $h = 8$ and $k = 4$

2) $3(-8z + 5d)$ use $z = 8$ and $d = 6$

7) $-6(4c - 2d)$ use $d = 7$ and $c = 2$

3) $\frac{14}{x} + 6n$ use $x = 7$ and $n = 9$

8) $9c + 3 - 2n$ use $c = 3$ and $n = 4$

4) $7f + 8w + 3 - 6$ use $f = 7$ and $w = 6$

9) $\frac{x}{4} + 6 + 3b$ use $x = 12$ and $b = 7$

5) $6b - f$ use $b = 2$ and $f = 3$

10) $6z - 7(-9 - 2s)$ use $s = 7$ and $z = 4$



Name : _____ Score : _____

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Simplifying Algebraic Expressions

1) $9 + \frac{s}{7} + 6w$ use $s = 14$ and $w = 2$

6) $k + 6w$ use $k = 3$ and $w = 2$

2) $-5s - \frac{15}{r}$ use $r = 5$ and $s = 9$

7) $9(4s + 7f)$ use $s = 3$ and $f = 2$

3) $4f + 9 - 3n$ use $f = 6$ and $n = 9$

8) $-9z + \frac{s}{4}$ use $s = 8$ and $z = 6$

4) $-2(6x - 8h)$ use $h = 8$ and $x = 5$

9) $-5(3s + 4) + 9d$ use $s = 5$ and $d = 9$

5) $3x + 9(-8r + 4)$ use $r = 4$ and $x = 7$

10) $-2 - 6 + 4d - 3x$ use $d = 3$ and $x = 6$



Name : _____

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Translate Algebraic Expressions

1) One-third of the sum of p and 3 plus the product of 5 and z

2) 7 less than 2 times b

3) 5 times the sum of 8 and r

4) Three-fourths of x is added to 5

5) 7 divided by h

6) 4 is subtracted from w

7) 9 is added to three-fourths of h

8) Product of 8 and x

9) One-fifth of s is subtracted from 8

10) k cubed minus the product of 9 and h plus 8



Name : _____

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Translate Algebraic Expressions

1) q divided by 8

2) x minus 6

3) 9 times z

4) Five-sixths of p is subtracted from 4

5) Add 8 to 2 times b

6) The sum of two-thirds of z, one-fifth of c, and 3

7) Add three-fourths to 9 times r

8) One-half of the sum of 6 and r minus the product of 7 and q

9) n is added to 4

10) 3 minus k



Name : _____

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Translate Algebraic Expressions

1) 6 times b

2) One-third of p is subtracted from 4

3) Sum of w and 8

4) Subtract one-fourth from 4 times r

5) Product of 9 and q

6) Add 4 to 3 times b

7) Five-sixths of the sum of 3 and y plus the product of 2 and x

8) 9 is added to b

9) Five-sixths of the sum of y and 4 minus the product of 7 and g

10) 3 is subtracted from four-fifths of g



Name : _____

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Reducing Fractions

1) $\frac{6}{14} =$ _____

11) $\frac{10}{30} =$ _____

21) $\frac{24}{36} =$ _____

2) $\frac{8}{10} =$ _____

12) $\frac{72}{80} =$ _____

22) $\frac{6}{12} =$ _____

3) $\frac{10}{20} =$ _____

13) $\frac{40}{48} =$ _____

23) $\frac{16}{20} =$ _____

4) $\frac{7}{42} =$ _____

14) $\frac{5}{50} =$ _____

24) $\frac{15}{20} =$ _____

5) $\frac{24}{42} =$ _____

15) $\frac{50}{60} =$ _____

25) $\frac{5}{15} =$ _____

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

16) $\frac{35}{56} =$ _____

26) $\frac{21}{24} =$ _____

7) $\frac{7}{35} =$ _____

17) $\frac{60}{90} =$ _____

27) $\frac{20}{40} =$ _____

8) $\frac{2}{8} =$ _____

18) $\frac{5}{10} =$ _____

28) $\frac{5}{10} =$ _____

9) $\frac{21}{70} =$ _____

19) $\frac{50}{100} =$ _____

29) $\frac{30}{70} =$ _____

10) $\frac{7}{35} =$ _____

20) $\frac{48}{72} =$ _____

30) $\frac{18}{42} =$ _____

Name : _____

Score : _____

Teacher : _____

Date : _____

Reducing Fractions

1) $\frac{4}{24} =$ _____

11) $\frac{6}{30} =$ _____

21) $\frac{20}{100} =$ _____

2) $\frac{7}{21} =$ _____

12) $\frac{32}{36} =$ _____

22) $\frac{30}{60} =$ _____

3) $\frac{8}{16} =$ _____

13) $\frac{28}{36} =$ _____

23) $\frac{10}{70} =$ _____

4) $\frac{6}{12} =$ _____

14) $\frac{4}{8} =$ _____

24) $\frac{10}{40} =$ _____

5) $\frac{25}{40} =$ _____

15) $\frac{10}{20} =$ _____

25) $\frac{3}{27} =$ _____

6) $\frac{2}{4} =$ _____

16) $\frac{60}{100} =$ _____

26) $\frac{2}{6} =$ _____

7) $\frac{12}{30} =$ _____

17) $\frac{6}{12} =$ _____

27) $\frac{6}{12} =$ _____

8) $\frac{64}{80} =$ _____

18) $\frac{8}{32} =$ _____

28) $\frac{7}{42} =$ _____

9) $\frac{24}{64} =$ _____

19) $\frac{72}{81} =$ _____

29) $\frac{10}{20} =$ _____

10) $\frac{7}{35} =$ _____

20) $\frac{30}{60} =$ _____

30) $\frac{12}{21} =$ _____

Name : _____

Score : _____

Teacher : _____

Date : _____

Reducing Fractions

1) $\frac{8}{32} =$ _____

11) $\frac{6}{14} =$ _____

21) $\frac{42}{54} =$ _____

2) $\frac{40}{100} =$ _____

12) $\frac{25}{40} =$ _____

22) $\frac{10}{20} =$ _____

3) $\frac{30}{50} =$ _____

13) $\frac{8}{40} =$ _____

23) $\frac{16}{24} =$ _____

4) $\frac{36}{72} =$ _____

14) $\frac{24}{28} =$ _____

24) $\frac{16}{24} =$ _____

5) $\frac{32}{48} =$ _____

15) $\frac{40}{70} =$ _____

25) $\frac{9}{18} =$ _____

6) $\frac{30}{80} =$ _____

16) $\frac{35}{63} =$ _____

26) $\frac{8}{56} =$ _____

7) $\frac{2}{12} =$ _____

17) $\frac{6}{16} =$ _____

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20) $\frac{5}{30} =$ _____

30) $\frac{20}{90} =$ _____