

Math Review

Grades 7-9 or so

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Math Review Worksheets


Grades 7-9

Math Review Name: _____

Percentages Practice
Change the percent to a decimal:
17% _____ 167% _____
50% _____ 2% _____
Change the percent to a fraction:
75% _____ 90% _____
48% _____ 15% _____

Fraction Practice
 $\frac{3}{7} = \frac{6}{14}$ _____ $\frac{8}{42} = \frac{4}{21}$ _____
 $\frac{3}{11} = \frac{6}{22}$ _____ $\frac{1}{8} = \frac{2}{16}$ _____
 $\frac{6}{9} = \frac{2}{3}$ _____ $\frac{6}{7} = \frac{12}{14}$ _____

Division **Addition**
2.3) 4462 _____ 7.643
+ 835.1 _____

Triangles
Find the missing:


Circles
What is the diameter? _____
What is the circumference of the circle? _____
What is the area of the circle? _____


Math Review Name: _____

Percentages Practice
Change the percent to a decimal:
20% _____ 0.7% _____
38% _____ 332% _____
Change the percent to a fraction:
45% _____ 87% _____
25% _____ 88% _____

Fraction Practice
 $\frac{4}{9} = \frac{8}{18}$ _____ $\frac{5}{16} = \frac{10}{32}$ _____
 $\frac{1}{3} = \frac{2}{6}$ _____ $\frac{1}{8} = \frac{2}{16}$ _____
 $\frac{2}{9} = \frac{4}{18}$ _____ $\frac{3}{8} = \frac{6}{16}$ _____

Rounding Practice
Round to the nearest ten thousand:
578,836,917 _____
Round to the nearest hundred:
46,388,881 _____
Round to the nearest hundred thousand:
96,784,632,392 _____

Math vocabulary
What are supplementary angles? _____
Draw two perpendicular lines. _____
What two congruent angles? Equal the name _____
What is a polygon? _____
What are three figures called? _____

Volume
What is the volume of this rectangular solid?


Math Review Name: _____

Percentages
Change the fraction to a percent:
 $\frac{2}{3}$ _____ 5.00 _____
 $\frac{1}{2}$ _____ 4.25 _____
% of 30% = _____
 $\frac{3}{4}$ of 65% = _____

Solve the following:
50% of 56 = _____
11% of 55 = _____
2% of 80 = _____

Mean Mode Median Range
1,3,7,7,8,9,15
What is the range of the numbers above? _____
What is the mode of the numbers above? _____
What is the median of the numbers above? _____
What is the mean of the numbers above? _____

Squares
10" = _____ 7" = _____ 17" = _____
2" = _____ 10" = _____ 10" = _____
10" = _____ 7" = _____ 8" = _____
16" = _____ 7" = _____ 17" = _____
16" = _____ 9" = _____ 12" = _____

Square Roots
 $\sqrt{4} = \frac{2}{2}$ _____ $\sqrt{225} = \frac{15}{15}$ _____ $\sqrt{81} = \frac{9}{9}$ _____
 $\sqrt{256} = \frac{16}{16}$ _____ $\sqrt{121} = \frac{11}{11}$ _____ $\sqrt{324} = \frac{18}{18}$ _____
 $\sqrt{144} = \frac{12}{12}$ _____ $\sqrt{49} = \frac{7}{7}$ _____ $\sqrt{289} = \frac{17}{17}$ _____
 $\sqrt{169} = \frac{13}{13}$ _____ $\sqrt{196} = \frac{14}{14}$ _____ $\sqrt{100} = \frac{10}{10}$ _____

Math Review Name: _____

Percentages Practice
Change the percent to a decimal:
3% _____ 32% _____
37% _____ 99% _____
Change the percent to a fraction:
55% _____ 14% _____
Change the fraction to a percent:
 $\frac{5}{11}$ _____ $\frac{18}{24}$ _____

Solve the following:
17% of 68.20 = _____
27% of 79 = _____
8% of 55 = _____
12% of 82 = _____

Division **Addition**
1.7) 82.11 _____ 54.87
+ 0.752 _____

Right Triangles
A right triangle has a long leg of 8 and a short leg of 6, what is the hypotenuse of this triangle? _____
A right triangle has a hypotenuse of 13 and a short leg of 5, what is the length of the other leg of this triangle? _____

Scientific Notation **Algebra**
0.0007 = _____
88 = _____
407.5 = _____
10 x 10 = _____
0.004 x 10 = _____
2" = _____
327 10" = _____
2.16 10" = _____
36" = 3' = _____
36" = 3' = _____
36" = 3' = _____

Cylinder
What is the radius? _____
What is the formula for the volume of a cylinder? _____
What is the volume? _____

Math Review Name: _____

Percentages
Change the fraction to a percent:
 $\frac{3}{10}$ _____ 6.00 _____
 $\frac{7}{14}$ _____ 9.25 _____
% of 12% = _____
 $\frac{1}{2}$ of 12% = _____

Solve the following:
40% of 76 = _____
13% of 98 = _____
7% of 64 = _____

Mean Mode Median Range
6,5,9,3,7,13,9
What is the range of the numbers above? _____
What is the mode of the numbers above? _____
What is the median of the numbers above? _____
What is the mean of the numbers above? _____

Squares
16" = _____ 17" = _____ 7" = _____
7" = _____ 10" = _____ 8" = _____
16" = _____ 10" = _____ 12" = _____
10" = _____ 17" = _____ 17" = _____
9" = _____ 9" = _____ 7" = _____

Square Roots
 $\sqrt{25} = \frac{5}{5}$ _____ $\sqrt{100} = \frac{10}{10}$ _____ $\sqrt{225} = \frac{15}{15}$ _____
 $\sqrt{49} = \frac{7}{7}$ _____ $\sqrt{144} = \frac{12}{12}$ _____ $\sqrt{169} = \frac{13}{13}$ _____
 $\sqrt{256} = \frac{16}{16}$ _____ $\sqrt{324} = \frac{18}{18}$ _____ $\sqrt{100} = \frac{10}{10}$ _____

Review Topics:

Fractions
Percents
Decimals
Exponents
Squares
Mean, Median, Mode, Range
Volume
Triangles

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Math Review

Name: _____

Percentages Practice

Change the percent to a decimal:

20% _____ 0.7% _____

36% _____ 132% _____

Change the percent to a fraction:

43% _____ 65% _____

25% _____ 88% _____

Solve the following:

10% of 47 = _____

16% of 87 = _____

27% of 98.3 = _____

Fraction Practice

$\frac{4}{8} + \frac{3}{6} =$ _____

$\frac{6}{15} + \frac{1}{6} =$ _____

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

$1\frac{5}{7} \times \frac{3}{5} =$ _____

$\frac{6}{9} \times \frac{3}{12} =$ _____

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

Rounding Practice

Round to the nearest ten thousand:

576,836,937 _____

Round to the nearest hundred:

46,386,681 _____

Round to the nearest hundred thousand:

96,784,452,392 _____

Math vocabulary

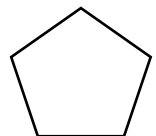
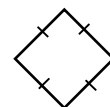
What are supplementary angles?

Draw two perpendicular lines:

What does congruent mean? Equal/the same

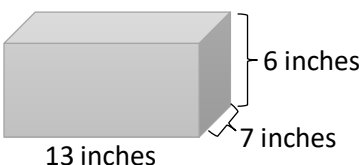
What is a polygon?

What are these figures called?



Volume

What is the volume of this rectangular solid?



Math Review

Percentages Practice

Change the percent to a decimal:

$20\% \text{ .20}$

$0.7\% \text{ 0.007}$

$36\% \text{ .36}$

$132\% \text{ 1.32}$

Change the percent to a fraction:

$43\% \text{ 43/100}$

$65\% \text{ 65/100} = 13/20$

$25\% \text{ 25/100} = 1/4$

$88\% \text{ 88/100} = 11/25$

Solve the following:

$10\% \text{ of } 47 = 4.7$

$16\% \text{ of } 87 = 13.92$

$27\% \text{ of } 98.3 = 26.541$

Fraction Practice

$\frac{4}{8} + \frac{3}{6} = 1$

$\frac{6}{15} + \frac{1}{6} = \frac{17}{30}$

$\frac{1}{3} - \frac{2}{7} = \frac{1}{21}$

$1\frac{5}{7} \times \frac{3}{5} = \frac{36}{35} = 1\frac{1}{35}$

$\frac{6}{9} \times \frac{3}{12} = \frac{1}{6}$

$\frac{7}{8} \div \frac{1}{4} = \frac{7}{2} = 3\frac{1}{2}$

Rounding Practice

Round to the nearest ten thousand:

$576,836,937 \text{ 576, 840,000}$

Round to the nearest hundred:

$46,386,681 \text{ 46,386,700}$

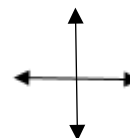
Round to the nearest hundred thousand:

$96,784,452,392 \text{ 96,784,500,000}$

Math vocabulary

What are supplementary angles? **Two angles that add up to 180°**

Draw two perpendicular lines:



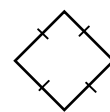
What does congruent mean? **Equal/the same**

What is a polygon? **A closed 2-dimensional figure made up of line segments. (Usually of more than 3 sides)**

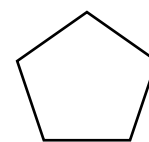
What are these figures called?



trapezoid



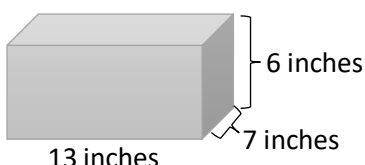
rhombus



pentagon

Volume

What is the volume of this rectangular solid?



$13 \times 7 \times 6 = 546$

Math Review

Name: _____

Percentages Practice

Change the percent to a decimal:

17% _____ 167% _____

50% _____ .2% _____

Change the percent to a fraction:

75% _____ 90% _____

48% _____ 13% _____

Solve the following:

20% of 58.60 = _____

23% of 74 = _____

45% of 92 = _____

7% of 68 = _____

Fraction Practice

$\frac{2}{7} + \frac{5}{9} =$ _____ $\frac{8}{42} \times \frac{7}{24} =$ _____

$\frac{3}{11} - \frac{1}{7} =$ _____ $1\frac{3}{8} + \frac{3}{4} =$ _____

$6\frac{1}{3} + 8\frac{3}{12} =$ _____ $\frac{6}{7} \div \frac{3}{14} =$ _____

Division

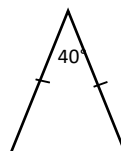
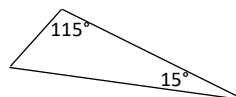
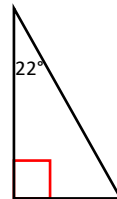
2.3 $\overline{) 4462}$

Addition

$$\begin{array}{r} 7.643 \\ + 835.1 \\ \hline \end{array}$$

Triangles

Find the missing angles:



Algebra:

$2x + 7x =$ _____

$-4 + 11 =$ _____

$3^4 =$ _____

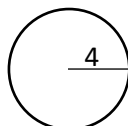
$x^4 \cdot x^4 =$ _____

$2x^3 + 6x^3 =$ _____

$-3(4x + 2) =$ _____

$\frac{x^8 y^2}{x^2 y^5} =$ _____

Circles



What is the diameter? _____

What is the circumference of the circle? _____

What is the area of the circle? _____

Math Review

Name: _____

Percentages Practice

Change the percent to a decimal:

$$17\% \text{ .17} \quad 167\% \text{ 1.67}$$

$$50\% \text{ .5} \quad .2\% \text{ 0.002}$$

Change the percent to a fraction:

$$75\% \text{ } 75/100 = 3/4 \quad 90\% \text{ } 90/100 = 9/10$$

$$48\% \text{ } 48/100 = 12/25 \quad 13\% \text{ } 13/100$$

Solve the following:

$$20\% \text{ of } 58.60 = .2 \times 58.60 = 11.72$$

$$23\% \text{ of } 74 = .23 \times 74 = 17.02$$

$$45\% \text{ of } 92 = 41.4$$

$$7\% \text{ of } 68 = 4.76$$

Fraction Practice

$$\frac{2}{7} + \frac{5}{9} = 53/63 \quad \frac{8}{42} \times \frac{7}{24} = \frac{1}{6}$$

$$\frac{3}{11} - \frac{1}{7} = \frac{10}{21} \quad 1\frac{3}{8} + \frac{3}{4} = \frac{17}{8} = 2\frac{1}{8}$$

$$6\frac{1}{3} + 8\frac{3}{12} = 14\frac{7}{12} \quad \frac{6}{7} \div \frac{3}{14} = 4$$

Division

$$\begin{array}{r} 1940 \\ 2.3 \overline{) 4462} \end{array}$$

Addition

$$\begin{array}{r} 7.643 \\ + 835.1 \\ \hline 842.743 \end{array}$$

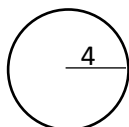
Circles

What is the diameter? 8

What is the circumference of the circle? πd

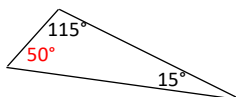
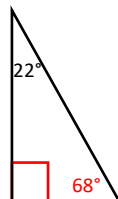
$$3.14 \times 8 = 25.12$$

What is the area of the circle? $\pi r^2 = 3.14 \times 4^2 = 3.14 \times 16 = 50.24$



Triangles

Find the missing angles:



Since the sides are equal,
the angles are equal

$$\begin{aligned} 40 + 2x &= 180 \\ 2x &= 180 - 40 \\ 2x &= 140 \\ x &= 70 \end{aligned}$$

Algebra:

$$2x + 7x = 9x$$

$$-4 + 11 = 7$$

$$3^4 = 81$$

$$x^4 \cdot x^4 = x^8$$

$$2x^3 + 6x^3 = 8x^3$$

$$-3(4x + 2) = -12x - 6$$

$$\frac{x^8 y^2}{x^2 y^5} = \frac{x^6}{y^3}$$

Math Review

Name: _____

Percentages

Change the fraction to a percent:

$$\frac{2}{5} \quad \frac{7}{10}$$

$$\frac{1}{2} \quad \frac{4}{25}$$

$$\frac{1}{2} \text{ of } 30\% =$$

$$\frac{2}{7} \text{ of } 45\% =$$

Solve the following:

$$30\% \text{ of } 56 =$$

$$11\% \text{ of } 55 =$$

$$2\% \text{ of } 80 =$$

Mean Mode Median Range

1,3,7,7,8,9,15

What is the range of the numbers above?

What is the mode of the numbers above?

What is the median of the numbers above?

What is the mean of the numbers above?

Mean Mode Median Range

5,2,8,42,2,9,11,2,7

What is the range of the numbers above?

What is the mode of the numbers above?

What is the median of the numbers above?

What is the mean of the numbers above?

Squares

$$13^2 = \quad 7^2 = \quad 17^2 =$$

$$2^2 = \quad 15^2 = \quad 10^2 =$$

$$10^2 = \quad 3^2 = \quad 6^2 =$$

$$16^2 = \quad 5^2 = \quad 11^2 =$$

$$14^2 = \quad 9^2 = \quad 12^2 =$$

Square Roots

$$\sqrt{4} = \quad \sqrt{225} = \quad \sqrt{81} =$$

$$\sqrt{256} = \quad \sqrt{16} = \quad \sqrt{100} =$$

$$\sqrt{169} = \quad \sqrt{49} = \quad \sqrt{289} =$$

$$\sqrt{36} = \quad \sqrt{324} = \quad \sqrt{196} =$$

Math Review

Percentages

Change the fraction to a percent:

$2/5 = 40\%$

$7/10 = 70\%$

$1/2 = 50\%$

$4/25 = 16\%$

$\frac{1}{2} \text{ of } 30\% = \frac{1}{2} \cdot \frac{30}{100} = \frac{30}{200} = \frac{3}{20}$

$\frac{2}{7} \text{ of } 45\% = \frac{2}{7} \cdot \frac{45}{100} = \frac{9}{70}$

Solve the following:

$30\% \text{ of } 56 = 16.8$

$11\% \text{ of } 55 = 6.05$

$2\% \text{ of } 80 = 1.6$

Mean Mode Median Range

1,3,7,7,8,9,15

What is the range of the numbers above?

$15 - 1 = 14$

What is the mode of the numbers above?

7

What is the median of the numbers above?

7 1,3,7,7,8,9,15

What is the mean of the numbers above?

$1 + 3 + 7 + 7 + 8 + 9 + 15 = 50 \quad 50 \div 7 = 7.14$

Mean Mode Median Range

5,2,8,42,2,9,11,2,7

2,2,2,5,7,8,9,11,42

What is the range of the numbers above?

$42 - 2 = 40$

What is the mode of the numbers above?

2

What is the median of the numbers above?

7 2,2,2,5,7,8,9,11,42

What is the mean of the numbers above?

$2 + 2 + 2 + 5 + 7 + 8 + 9 + 11 + 42 = 88 \quad 88 \div 9 = 9.78$

Squares

$13^2 = 169$

$7^2 = 49$

$17^2 = 289$

$8^2 = 64$

$15^2 = 225$

$12^2 = 144$

$10^2 = 100$

$3^2 = 9$

$6^2 = 36$

$16^2 = 256$

$5^2 = 25$

$11^2 = 121$

$14^2 = 196$

$9^2 = 81$

$18^2 = 324$

Square Roots

$\sqrt{4} = 2$

$\sqrt{225} = 15$

$\sqrt{81} = 9$

$\sqrt{256} = 16$

$\sqrt{16} = 4$

$\sqrt{100} = 10$

$\sqrt{169} = 13$

$\sqrt{49} = 7$

$\sqrt{289} = 17$

$\sqrt{36} = 6$

$\sqrt{324} = 18$

$\sqrt{196} = 14$

Math Review

Name: _____

Percentages Practice

Change the percent to a decimal:

3% _____ .02% _____

37% _____ 99% _____

Change the percent to a fraction:

55% _____ 14% _____

Change the fraction to a percent:

$\frac{6}{12}$ _____ $\frac{18}{24}$ _____

Solve the following:

15% of 66.20 = _____

27% of 79 = _____

8% of 35 = _____

12% of 82 = _____

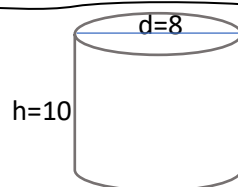
Fraction Practice

$\frac{1}{8} + \frac{5}{7} =$ _____ $\frac{3}{40} \times \frac{8}{9} =$ _____

$\frac{2}{7} - \frac{8}{28} =$ _____ $3\frac{1}{3} + \frac{5}{8} =$ _____

$2\frac{1}{4} - 1\frac{4}{9} =$ _____ $\frac{3}{8} \div \frac{5}{18} =$ _____

Cylinder



What is the radius? _____

What is the formula for the volume of a cylinder?

What is the volume of the cylinder? _____

Division

$.17 \overline{) 82.11}$

Addition

$$\begin{array}{r} 14.87 \\ + 0.752 \\ \hline \end{array}$$

Right Triangles

A right triangle has a long leg of 8 and a short leg of 6, what is the hypotenuse of this triangle? _____

A right triangle has a hypotenuse of 13 and a short leg of 5, what is the length of the other leg of this triangle? _____

Scientific Notation

0.00057 = _____

68 = _____

487.0 = _____

$108 \times 10^6 =$ _____

$0.0041 \times 10^5 =$ _____

2,371,083 = _____

Algebra:

$7^{-2} =$ _____

$3^{-5} \cdot 3^8 =$ _____

$.827 \cdot 10^{-2} =$ _____

$2.56 \cdot 10^3 =$ _____

$5x^4 + -7x^4 =$ _____

$-3x^2(5y + 8x) =$ _____

$\frac{x^{-6}y^3}{x^2y^7} =$ _____

Math Review

Percentages Practice

Change the percent to a decimal:

$$3\% \text{ } 0.03 \quad .02\% \text{ } 0.0002$$

$$37\% \text{ } .37 \quad 99\% \text{ } .99$$

Change the percent to a fraction:

$$55\% \text{ } 55/100 = 11/20 \quad 14\% \text{ } 14/100 = 7/50$$

Change the fraction to a percent:

$$\frac{6}{12} \text{ } 0.5 = 50\% \quad \frac{18}{24} \text{ } 0.75 = 75\%$$

Solve the following:

$$15\% \text{ of } 66.20 = 9.93$$

$$27\% \text{ of } 79 = 21.33$$

$$8\% \text{ of } 35 = 2.8$$

$$12\% \text{ of } 82 = 9.84$$

Fraction Practice

$$\frac{1}{8} + \frac{5}{7} = \frac{47}{56}$$

$$\frac{3}{40} \times \frac{8}{9} = \frac{1}{15}$$

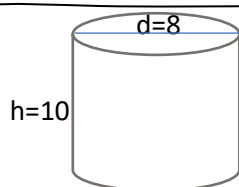
$$\frac{2}{7} - \frac{8}{28} = 0$$

$$3\frac{1}{3} + \frac{5}{8} = \frac{95}{24} = 3\frac{23}{24}$$

$$2\frac{1}{4} - 1\frac{4}{9} = \frac{29}{36}$$

$$\frac{3}{8} \div \frac{5}{18} = \frac{27}{20} = 1\frac{7}{20}$$

Cylinder



What is the radius? 4

What is the formula for the volume of a cylinder?

$$\pi r^2 h$$

What is the volume of the cylinder? $3.14 \times 4^2 \times 10 = 502.4$

Division

$$\begin{array}{r} 483 \\ .17 \overline{) 82.11} \end{array}$$

Addition

$$\begin{array}{r} 14.87 \\ + 0.752 \\ \hline 15.622 \end{array}$$

Right Triangles

A right triangle has a long leg of 8 and a short leg of 6, what is the hypotenuse of this triangle? 10

A right triangle has a hypotenuse of 13 and a short leg of 5, what is the length of the other leg of this triangle? 12

Scientific Notation

$$0.00057 = 5.7 \times 10^{-4}$$

$$68 = 6.8 \times 10^1$$

$$487.0 = 4.870 \times 10^2$$

$$108 \times 10^6 = 1.08 \times 10^8$$

$$0.0041 \times 10^5 = 4.1 \times 10^2$$

$$2,371,083 = 2.37 \times 10^6$$

Algebra:

$$7^{-2} = \frac{1}{49}$$

$$3^{-5} \cdot 3^8 = 3^3$$

$$.827 \cdot 10^{-2} = 0.00827$$

$$2.56 \cdot 10^3 = 2560$$

$$5x^4 + -7x^4 = -2x^4$$

$$-3x^2(5y + 8x) = -15x^2y - 24x^3$$

$$\frac{x^{-6}y^3}{x^2y^7} = \frac{1}{x^8y^4}$$

Math Review

Name: _____

Percentages

Change the fraction to a percent:

$$\frac{3}{20} \quad \frac{6}{10}$$

$$\frac{7}{14} \quad \frac{9}{25}$$

$$\frac{1}{4} \text{ of } 32\% =$$

$$\frac{3}{8} \text{ of } 22\% =$$

Solve the following:

$$40\% \text{ of } 76 =$$

$$13\% \text{ of } 98 =$$

$$7\% \text{ of } 64 =$$

Mean Mode Median Range

6,1,9,3,7,13,9

What is the range of the numbers above?

What is the mode of the numbers above?

What is the median of the numbers above?

What is the mean of the numbers above?

Mean Mode Median Range

23,17,3,6,3,7,3,3,7

What is the range of the numbers above?

What is the mode of the numbers above?

What is the median of the numbers above?

What is the mean of the numbers above?

Squares

$$16^2 = \quad 15^2 = \quad 1^2 =$$

$$5^2 = \quad 18^2 = \quad 6^2 =$$

$$14^2 = \quad 10^2 = \quad 12^2 =$$

$$13^2 = \quad 11^2 = \quad 17^2 =$$

$$9^2 = \quad 0^2 = \quad 7^2 =$$

Square Roots

$$\sqrt{49} = \quad \sqrt{169} = \quad \sqrt{225} =$$

$$\sqrt{81} = \quad \sqrt{324} = \quad \sqrt{196} =$$

$$\sqrt{4} = \quad \sqrt{144} = \quad \sqrt{289} =$$

$$\sqrt{256} = \quad \sqrt{36} = \quad \sqrt{100} =$$

Math Review

Percentages

Change the fraction to a percent:

$$3/20 = 15\% \quad 6/10 = 60\%$$

$$7/14 = 50\% \quad 9/25 = 36\%$$

$$1/4 \text{ of } 32\% = 8\% = .08$$

$$\frac{3}{8} \text{ of } 22\% = \frac{3}{8} \times \frac{22}{100} = \frac{33}{200} \text{ or } 0.165$$

Solve the following:

$$40\% \text{ of } 76 = 30.4$$

$$13\% \text{ of } 98 = 12.74$$

$$7\% \text{ of } 64 = 4.48$$

Mean Mode Median Range

$$6, 1, 9, 3, 7, 13, 9 \quad 1, 3, 6, 7, 9, 9, 13$$

What is the range of the numbers above?

$$13 - 1 = 12$$

What is the mode of the numbers above?

$$9$$

What is the median of the numbers above?

$$7$$

What is the mean of the numbers above?

$$48 \div 7 = 6.85$$

Mean Mode Median Range

$$23, 17, 3, 6, 3, 7, 3, 3, 7$$

$$3, 3, 3, 3, 6, 7, 7, 17, 23$$

What is the range of the numbers above?

$$23 - 3 = 20$$

What is the mode of the numbers above?

$$3$$

What is the median of the numbers above?

$$6$$

What is the mean of the numbers above?

$$72 \div 9 = 8$$

Squares

$$16^2 = 256$$

$$15^2 = 225$$

$$1^2 = 1$$

$$5^2 = 25$$

$$18^2 = 324$$

$$6^2 = 36$$

$$14^2 = 196$$

$$10^2 = 100$$

$$12^2 = 144$$

$$13^2 = 169$$

$$11^2 = 121$$

$$17^2 = 289$$

$$9^2 = 81$$

$$0^2 = 0$$

$$7^2 = 49$$

Square Roots

$$\sqrt{49} = 7$$

$$\sqrt{169} = 13$$

$$\sqrt{225} = 15$$

$$\sqrt{81} = 9$$

$$\sqrt{324} = 18$$

$$\sqrt{196} = 14$$

$$\sqrt{4} = 2$$

$$\sqrt{144} = 12$$

$$\sqrt{289} = 17$$

$$\sqrt{256} = 16$$

$$\sqrt{36} = 6$$

$$\sqrt{100} = 10$$

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ferns and lycophytes

gymnosperms
conifers, cycads, etc.

angiosperms
flowering plants

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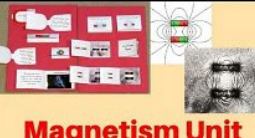
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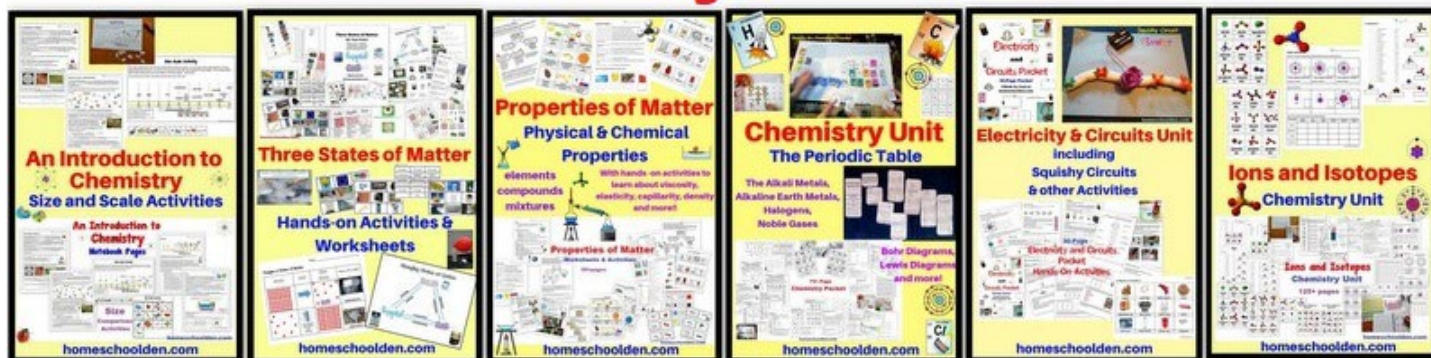
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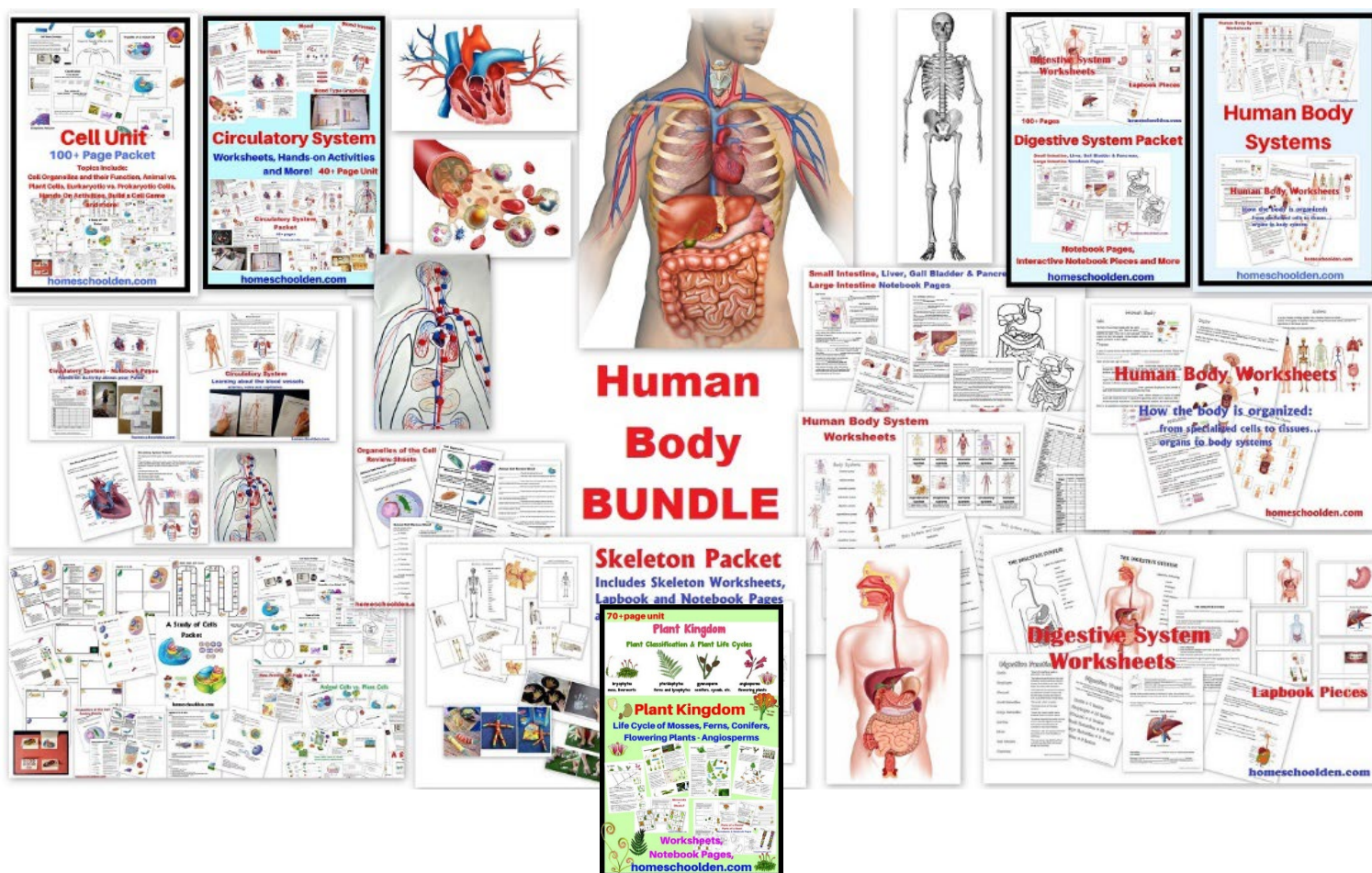
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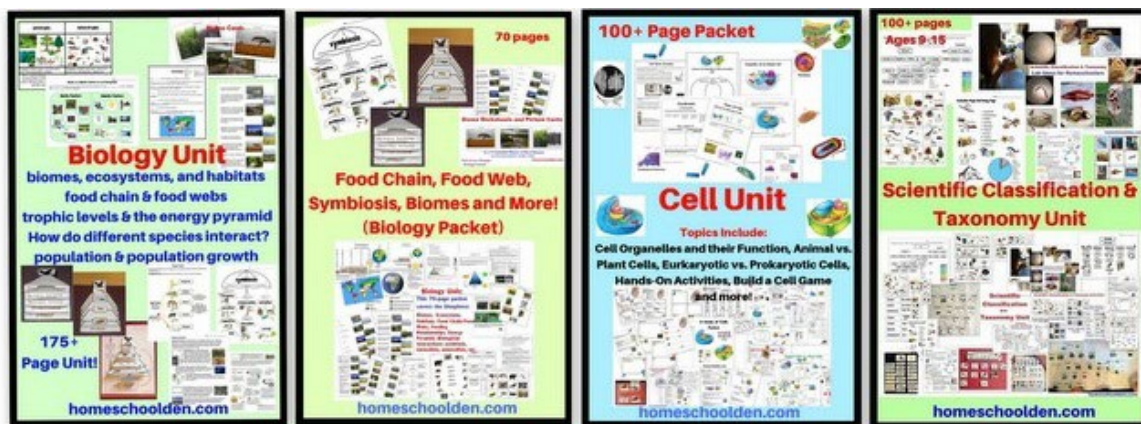
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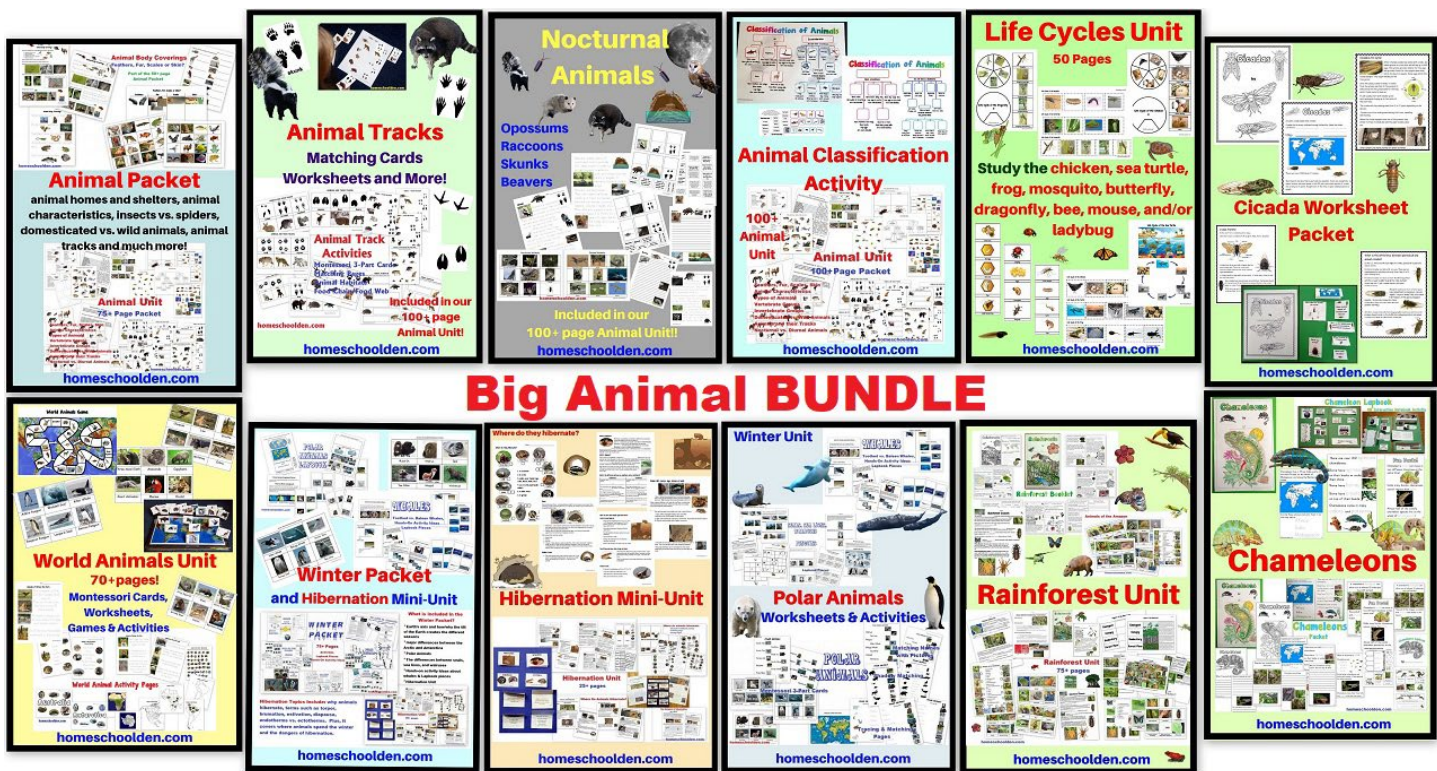
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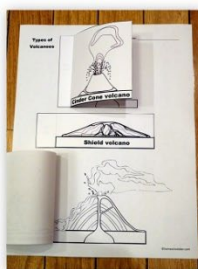
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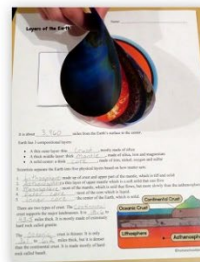
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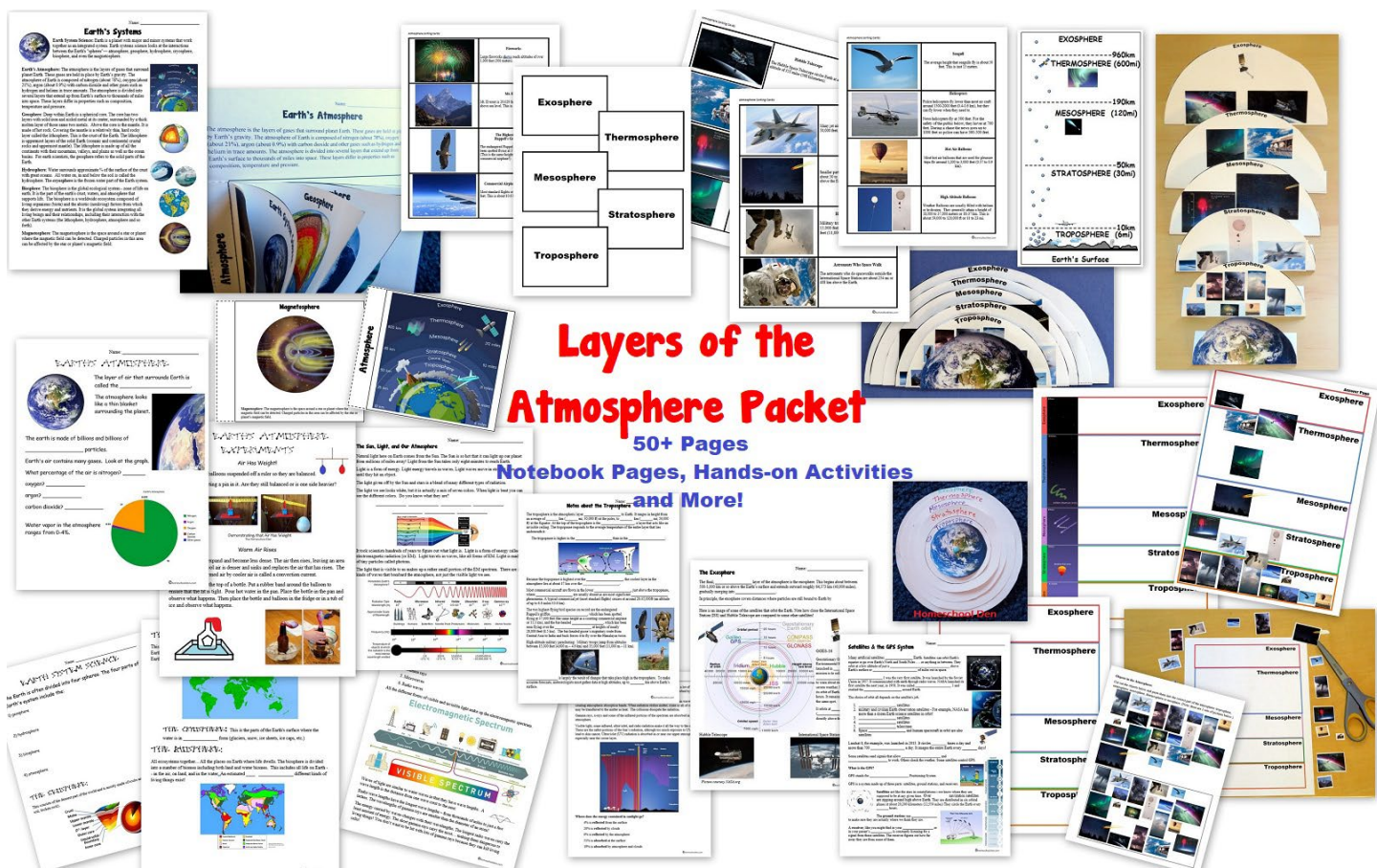


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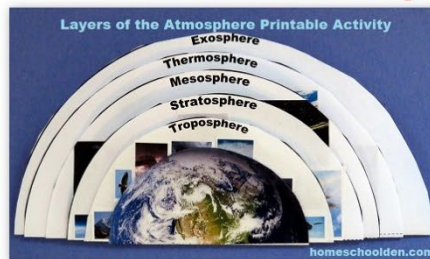


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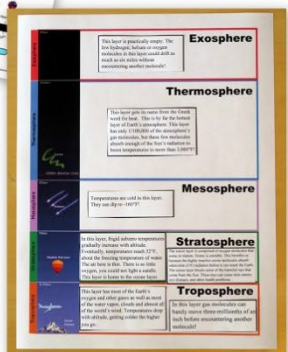
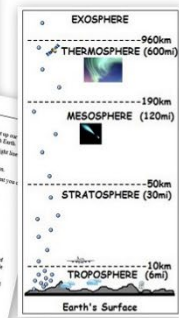
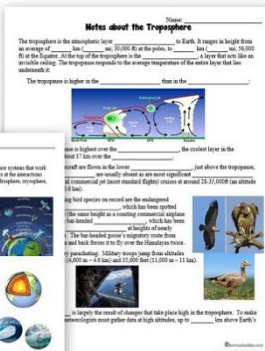
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Energy Unit

70-pages

Energy Unit
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Kinetic or Potential Energy, Converting
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The Power Grid

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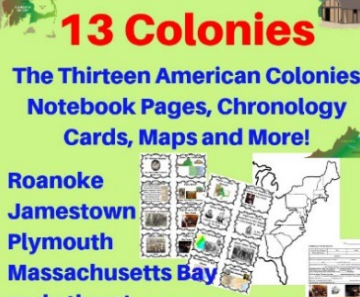
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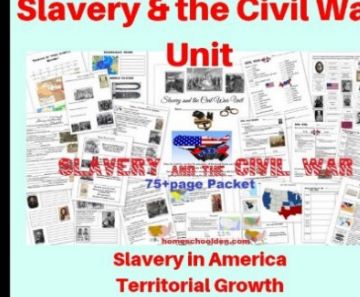
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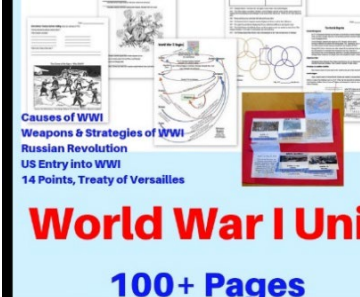


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