

10-29-18

Aim: SWBAT review.

HW: Test Wednesday

Do Now: Check hw

Evaluate if $a = 6.28$ and $b = -0.35$. Write your answer as a decimal.

1. $a - \frac{5}{2}$	2. $\frac{3}{8} + a$	3. $b - \frac{3}{4}$	4. $\frac{9}{2} + b$
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Evaluate.

5. $(-3.4 + 5.4)^2 - 1.3$	6. $\frac{2}{3} - \left(\frac{-3}{5}\right) + 3^2$	7. $2 \cdot \frac{2}{3} + \left(-1\frac{1}{4}\right)$
8. $\boxed{-5\frac{2}{9}} + 3.7 + \boxed{5\frac{2}{9}}$ 3.7	9. $-24 - \left(\frac{-1}{2}\right) - 12.5$	10. $\boxed{16\left(\frac{-3}{8}\right)} + \boxed{16\left(\frac{1}{4}\right)}$ -6 + 4 $2 \times \frac{16}{1} \cdot \frac{-3}{8} = -2$ $4 \times \frac{16}{1} \cdot \frac{1}{4} = 4$
11. $\boxed{-5\frac{5}{7}} + 8 - \boxed{3\frac{2}{7}}$ $-8\frac{2}{7} + 8$ $-9 + 8$ -1	12. $\frac{16}{20} \overset{+}{\boxed{-1.8}} - \frac{4}{5}$ $\boxed{\frac{4}{5}} + 1.8 - \boxed{\frac{4}{5}}$ 1.8	13. $3\frac{1}{6} + 20.3 - \left(-5\frac{5}{6}\right)$

<p>14. $-2.2 \cdot (-2) \div \left(-\frac{1}{4}\right) \cdot 5$</p>	<p>15. $4.2 \cdot \left(-\frac{1}{3}\right) \div \frac{1}{6} \cdot (-10)$</p>	<p>16. $\frac{2}{5} \div \left(-1 + \frac{3}{5}\right) - 4^2$</p>
<p>17.</p> <p style="text-align: center;">$-2.3 (5.62 - 2.8 + 11.35)$</p>	<p>18.</p> <p style="text-align: center;">$3\frac{3}{4} + (8.8 \div 4)$</p> <p style="text-align: center;">$3.75 + 2.2$</p> <p style="text-align: center;">5.95</p> <div style="text-align: right;"> $\begin{array}{r} 4 \overline{) 23.8} \\ \underline{20} \\ 38 \\ \underline{36} \\ 20 \\ \underline{20} \\ 0 \end{array}$ </div>	

Rounding Decimals (A)

Round each decimal number to the nearest place indicated.

1. 0.43

whole number

11. 7.865

whole number

2. 6.02

tenth

12. 5.2182

thousandth

3. 6.651

whole number

13. 5.6967

thousandth

4. 0.202

hundredth

14. 2.9

whole number

5. 7.22

whole number

15. 4.0

whole number

6. 0.660

tenth

16. 7.46

tenth

7. 8.28

tenth

17. 2.39

tenth

8. 9.87

whole number

18. 3.896

whole number

9. 7.0760

hundredth

19. 7.8143

whole number

10. 3.629

tenth

20. 9.3959

hundredth

Adding/Subtracting Decimals (A)

Calculate each sum or difference.

$800.54 + 90.52 =$

$343.4 + 5.607 =$

$94.9 - 41.871 =$

$809.144 - 15.96 =$

$803.309 - 133.36 =$

$767.3 - 24.9 =$

$489.08 - 4.2 =$

$921.74 + 2.7 =$

$384.94 + 17.348 =$

$260.65 - 40.9 =$

$67.1 - 1.19 =$

$35.438 - 17.2 =$

$686.4 - 199.61 =$

$6.356 + 5.8 =$

$75.715 + 30.5 =$

$89.88 - 48.8 =$

$3.7 + 1.5 =$

$64.32 + 21.63 =$

$875.75 + 26.64 =$

$656.86 + 46.37 =$

Multiplying 3-Digit by 2-Digit Numbers with Various Decimal Places (A)

Name: _____

Date: _____

Calculate each product.

$$\begin{array}{r} 68.2 \\ \times 8.4 \\ \hline \end{array}$$

$$\begin{array}{r} 630 \\ \times 1.2 \\ \hline \end{array}$$

$$\begin{array}{r} 16.0 \\ \times 36 \\ \hline \end{array}$$

$$\begin{array}{r} 5.52 \\ \times 0.25 \\ \hline \end{array}$$

$$\begin{array}{r} 32.3 \\ \times 26 \\ \hline \end{array}$$

$$\begin{array}{r} 7.91 \\ \times 0.19 \\ \hline \end{array}$$

$$\begin{array}{r} 26.3 \\ \times 7.8 \\ \hline \end{array}$$

$$\begin{array}{r} 3.07 \\ \times 19 \\ \hline \end{array}$$

$$\begin{array}{r} 63.2 \\ \times 8.5 \\ \hline \end{array}$$

$$\begin{array}{r} 0.394 \\ \times 70 \\ \hline \end{array}$$

$$\begin{array}{r} 55.8 \\ \times 9.4 \\ \hline \end{array}$$

$$\begin{array}{r} 596 \\ \times 3.6 \\ \hline \end{array}$$

$$\begin{array}{r} 940 \\ \times 8.2 \\ \hline \end{array}$$

$$\begin{array}{r} 203 \\ \times 42 \\ \hline \end{array}$$

$$\begin{array}{r} 0.707 \\ \times 0.97 \\ \hline \end{array}$$

$$\begin{array}{r} 906 \\ \times 64 \\ \hline \end{array}$$

$$\begin{array}{r} 310 \\ \times 1.8 \\ \hline \end{array}$$

$$\begin{array}{r} 520 \\ \times 0.92 \\ \hline \end{array}$$

$$\begin{array}{r} 131 \\ \times 0.41 \\ \hline \end{array}$$

$$\begin{array}{r} 6.00 \\ \times 5.1 \\ \hline \end{array}$$

$$\begin{array}{r} 0.913 \\ \times 56 \\ \hline \end{array}$$

$$\begin{array}{r} 12.8 \\ \times 3.8 \\ \hline \end{array}$$

$$\begin{array}{r} 52.2 \\ \times 2.3 \\ \hline \end{array}$$

$$\begin{array}{r} 0.394 \\ \times 76 \\ \hline \end{array}$$

$$\begin{array}{r} 0.411 \\ \times 0.35 \\ \hline \end{array}$$

Dividing Decimals (A)

Find each quotient.

$$4.11 \overline{) 24.9066}$$

$$3.21 \overline{) 13.0968}$$

$$4.67 \overline{) 10.741}$$

$$1.7 \overline{) 3.995}$$

$$1.96 \overline{) 13.2104}$$

$$8.31 \overline{) 34.1541}$$

$$1.56 \overline{) 8.3304}$$

$$1.63 \overline{) 8.4108}$$

$$5.38 \overline{) 17.5388}$$

$$7.56 \overline{) 74.0124}$$

$$9.21 \overline{) 27.5379}$$

$$6.45 \overline{) 59.5335}$$

Order of Operations with Decimals (B)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$9.1 + (-8.6)^2$$

$$9.5 + (-5.3)^2$$

$$3.8 \times ((-2.7) + (-2.6))$$

$$(-0.2)^2 - (-2.5)$$

$$(5.6)^2 \div 2.8$$

$$((-7.3) + 6.1) \times 4.9$$

$$5.6 - (-9.5)^2$$

$$(-4.2) \times (1.6 - 5.5)$$

$$(-9.6) - (7.3)^2$$

$$(-2.6) \times (6.6 + (-2.8))$$

Expanded Form with Decimals (A)

Write each number in expanded form.

3,516.568

5,484.366

6,858.026

2,422.75

9,287.373

1,376.864

3,905.201

2,066.228

4,127.757

7,410.809

Comparing Decimals (A)

Compare each pair of decimals using a $<$, $>$ or $=$ sign.

17.967	17.69	8.298	8.656	6.619	6.589
13.255	13.525	24.877	24.879	14.811	14.497
18.797	18.866	12.92	13.332	4.349	4.645
12.382	12.638	6.905	7.126	17.428	17.891
7.122	6.908	24.993	24.975	14.309	14.053
19.367	19.701	19.304	19.451	22.734	22.514
11.324	11.456	15.306	15.157	9.14	9.361
9.849	9.494	11.677	11.582	9.664	9.831
1.257	1.364	23.181	22.954	13.383	13.131
12.997	12.86	7.3	7.232	15.247	15.337
23.02	22.864	4.879	4.508	12.905	13.122
6.548	6.198	24.751	24.832	3.925	4.167
1.919	2.332	9.368	9.237	10.937	11.364
9.771	10.061	11.701	11.291	3.242	3.44
7.798	8.293	2.235	2.435	22.752	22.797
20.477	19.98	22.523	22.861	21.647	21.867
21.966	22.189	21.105	20.682	22.163	21.737
19.636	19.3	19.392	19.143	16.092	16.084
22.848	23.219	14.058	14.027	23.078	22.99
21.36	21.622	5.533	5.598	18.733	19.232