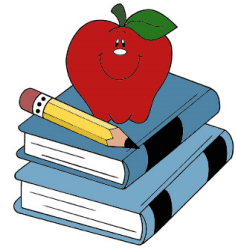


Warm Up Grade 7



B ~~E~~ D M A S



80.3

$$\begin{aligned}
 &1) 12.31 \div (5.8 - 5.6) + 3.75 \times 5 \\
 &= 12.31 \div 0.2 + 3.75 \times 5 \\
 &= 61.55 + 3.75 \times 5 \\
 &= 61.55 + 18.75 \\
 &= 80.30
 \end{aligned}$$

Step 1 | Bracket

$$\begin{array}{r}
 5.8 \\
 - 5.6 \\
 \hline
 0.2
 \end{array}$$

Step 2 | Divide

$$12.31 \div 0.2$$

Not whole

$$\begin{array}{r}
 61.55 \\
 2 \overline{) 123.10} \\
 \underline{-12} \\
 03 \\
 \underline{-2} \\
 10 \\
 \underline{-10} \\
 0
 \end{array}$$

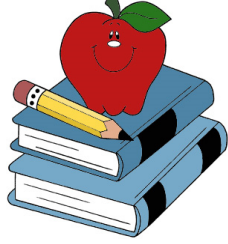
Step 3 | Multiply

$$3.75 \times 5$$

$$\begin{array}{r}
 3.75 \\
 \times 5 \\
 \hline
 18.75
 \end{array}$$

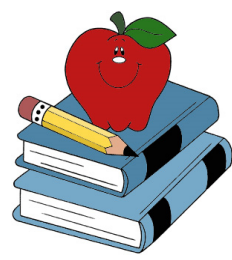
Step 4 | Add

$$\begin{array}{r}
 61.55 \\
 + 18.75 \\
 \hline
 80.30
 \end{array}$$



Warm Up Grade 7

~~B~~ E D M A S



$$1) 12.31 \div (5.8 - 5.6) + 3.75 \times 5$$

$$12.31 \div (0.2) + 3.75 \times 5$$

$$61.55 + 3.75 \times 5$$

$$61.55 + 18.75$$

$$\boxed{80.30}$$

Step 1 | Bracket

$$\begin{array}{r} 5.8 \\ - 5.6 \\ \hline 0.2 \end{array}$$

Step 2 | Divide

$$0.2 \overline{) 12.31}$$

$$\begin{array}{r} 61.55 \\ 2 \overline{) 123.10} \\ \underline{-12} \\ 03 \\ \underline{-2} \\ 11 \\ \underline{-10} \\ 10 \\ \underline{-10} \\ 0 \end{array}$$

Step 3 | multiply

$$\begin{array}{r} 3.75 \\ \times 5 \\ \hline 18.75 \end{array}$$

Step 4 | Add

$$\begin{array}{r} 61.55 \\ + 18.75 \\ \hline 80.30 \end{array}$$

$$53.67 \times 2.3$$

$$\begin{array}{r}
 \overset{1}{5} \overset{2}{3} \overset{1}{.} \overset{1}{6} \overset{1}{7} \\
 \times \quad \quad \quad 2.3 \\
 \hline
 16101 \\
 + 107340 \\
 \hline
 123441
 \end{array}$$

$$145.83 \div 0.4$$

Not whole

$$1458.3 \div 4$$

$$\begin{array}{r}
 \overset{3}{1} \overset{6}{4} \overset{5}{.} \overset{7}{5} \\
 4 \overline{) 1458.300} \\
 \underline{-12} \downarrow \\
 25 \downarrow \\
 \underline{-24} \downarrow \\
 18 \downarrow \\
 \underline{-16} \downarrow \\
 23 \downarrow \\
 \underline{-20} \downarrow \\
 30 \downarrow \\
 \underline{28} \downarrow \\
 20 \downarrow \\
 \underline{20} \downarrow \\
 0
 \end{array}$$

Answer key to WS from Yesterday is on next slide but you first must try the questions

Sheet 30 Part A

1) $(14-2) \times 3$

12×3

36

3) $2 \times (7+3) + 5$

$2 \times 10 + 5$

$20 + 5$

25

5) $14 - 2 \times 3$

$14 - 6$

8

7) $2 \times 7 + 3 + 5$

$14 + 3 + 5$

22

9) $\underline{81} \div 9 + \underline{3 \times 4}$

$9 + 3 \times 4$

$9 + 12$

21

11) $24 \div 6 \times 2 - 3$

$4 \times 2 - 3$

$8 - 3$

5

2) $35 \div (5+2)$

$35 \div 7$

5

4) $35 \div (5+2) - 4$

$35 \div 7 - 4$

$5 - 4$

1

6) $35 \div 5 + 2$

$7 + 2$

9

8) $35 \div 5 + 2 - 4$

$7 + 2 - 4$

$9 - 4$

5

10) $63 \div 7 \div 3 + 8$

$9 \div 3 + 8$

$3 + 8$

11

12) $4 + 18 \div 3 + 5 \times 2$

$4 + 6 + 5 \times 2$

$4 + 6 + 10$

20

13)

$$3 \times (4 - 2) = 6$$
$$3 \times 2$$
$$6$$

14)

$$42 \div (6 + 1) = 6$$
$$42 \div 7$$
$$6$$

15)

$$(8 - 3) \times (4 + 6) = 50$$
$$5 \times 10$$
$$50$$

16)

$$12 \times (6 - 3) \div 9 = 4$$
$$12 \times 3 \div 9$$
$$36 \div 9$$
$$4$$

17)

$$48 \div 6 + 2 \times 9 = 26$$
$$8 + 2 \times 9$$
$$8 + 18$$
$$26$$

18)

$$(4 + 6) \times 2 \div 5 = 4$$
$$10 \times 2 \div 5$$
$$20 \div 5$$
$$4$$

Part B

1a) $4.6 + 5.1 - 3.2$

$$\begin{array}{r} 9.7 \\ - 3.2 \\ \hline 6.5 \end{array}$$

$$\begin{array}{r} 4.6 \\ + 5.1 \\ \hline 9.7 \\ - 3.2 \\ \hline 6.5 \end{array}$$

b) $8 - 3.6 \div 2$

$$\begin{array}{r} 8 \\ - 1.8 \\ \hline 6.2 \end{array}$$

$$\begin{array}{r} 1.8 \\ 2 \overline{) 3.6} \\ \underline{2} \\ 16 \\ \underline{16} \\ 0 \end{array}$$

c) $46.4 - 10.8 \times 3$

$$\begin{array}{r} 46.4 \\ - 32.4 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 10.8 \\ \times 3 \\ \hline 32.4 \end{array}$$

$$\begin{array}{r} 46.4 \\ - 32.4 \\ \hline 14.0 \end{array}$$

$$\begin{array}{r} 8.0 \\ - 1.8 \\ \hline 6.2 \end{array}$$

d) $85.6 \div 0.4 \times 7$

$$\begin{array}{r} 214 \\ \times 7 \\ \hline 1498 \end{array}$$

$$\begin{array}{r} 214 \\ 4 \overline{) 856} \\ \underline{8} \\ 05 \\ \underline{4} \\ 16 \end{array}$$

$$\begin{array}{r} 214 \\ \times 7 \\ \hline 1498 \end{array}$$

2) $2.5 \times 4 + 9.2 \div 0.1 - (21 - 15)$

$$2.5 \times 4 + 9.2 \div 0.1 - 6$$

$$10 + 9.2 \div 0.1 - 6$$

$$10 + 92 - 6$$

$$102 - 6$$

$$= 96$$

Showing Work

Step 1
 $21 - 15 = 6$

Step 2
$$\begin{array}{r} 2.5 \\ \times 4 \\ \hline 10.0 \end{array}$$

Step 3
 $0.1 \overline{) 9.2} \rightarrow 1 \overline{) 92}$

$$\begin{array}{r} 92 \\ - 16 \\ \hline 86 \end{array}$$

Test outline

10 MC (No work)

Long Response (Must show work)

#1 Model Integer $(-) \times (-)$, $(+) \times (+)$, $(-) \times (+)$

#2) Rule for multiply integers

#3) Distributive Property (Box)

#4) Add/Subtract Decimals

#5) Multiply/Divide Decimals

#6) Word Problems

#7) BEDMAS (a) Whole Numbers B) Decimals

Class/Homework

Test SOON

Finish last day's worksheet 30

- answer key is in this notebook

Worksheet on Next page for those that are done.

Next day--> Worksheet

6. Use front-end estimation to place the decimal point in each answer.

a) $32.47 - 6.75 = 2572$

b) $118.234 + 19.287 = 137521$

c) $17.9 - 0.8 = 171$

7. Winsome is being trained as a guide dog for a blind person.

At birth, she had a mass of 0.475 kg.

At 6 weeks, her mass was 4.06 kg.

From 6 weeks to 12 weeks, she gained 5.19 kg.

a) By how much did Winsome's mass change from birth to 6 weeks?

b) What was her mass at 12 weeks?

8. Estimate to place the decimal point in each product.

Show your estimation strategy.

a) $9.3 \times 0.8 = 744$

b) $3.62 \times 1.3 = 4706$

c) $11.25 \times 5.24 = 5895$

- 9.** A rectangular park has dimensions 2.84 km by 3.5 km.
What is the area of the park?

3.6 11. Evaluate.

- a) $5.9 + 3.7 \times 2.8$
- b) $12.625 \times (1.873 + 2.127)$
- c) $2.1 \div 0.75 + 6.38 \times 2.45$