

Warm Up Grade 7



B ~~E~~ **D** **M** **A** **S**



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

$12.31 \div 0.2 + 3.75 \times 5$
 $61.55 + 3.75 \times 5$
 $61.55 + 18.75$

80.30

Step 1) B

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

Step 2) Divide

$12.31 \div 0.2$
 $123.1 \div 2$

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

Step 4) Add

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

Step 3) Mult

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

$$53.67 \times 2.3$$

$$\begin{array}{r}
 \overset{\cdot}{5} \overset{1}{3} \overset{2}{6} 7 \\
 \times \quad 2.3 \\
 \hline
 16101 \\
 10734 \text{ (circled)} \\
 \hline
 123.441
 \end{array}$$

$$145.83 \div 0.4$$

$$\begin{array}{r}
 \overset{3}{3} \overset{6}{6} \overset{4}{4} \overset{5}{5} \overset{7}{7} \overset{5}{5} \\
 4 \overline{) 1458.300} \\
 \underline{-12} \downarrow \\
 25 \downarrow \\
 \underline{-24} \downarrow \\
 18 \downarrow \\
 \underline{-16} \downarrow \\
 23 \downarrow \\
 \underline{20} \downarrow \\
 30 \downarrow \\
 \underline{28} \downarrow \\
 20 \downarrow \\
 \underline{20} \downarrow \\
 00 \downarrow \\
 \underline{00} \downarrow \\
 00
 \end{array}$$

10 NC

3 rounding questions Ex) $4.\underline{7}63$
 4.8

2 Add

2 Subtract

① Multiply

① Divide

① Word

② Bedmas

sheet 30 Mr + A

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

$$12 \times 3$$

$$36$$

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

$$35 \div 7$$

$$5$$

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

$$2 \times 10 + 5$$

$$20 + 5$$

$$25$$

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

$$35 \div 7 - 4$$

$$5 - 4$$

$$1$$

$$5) 14 - 2 \times 3$$

$$14 - 6$$

$$8$$

$$6) 35 \div 5 + 2$$

$$7 + 2$$

$$9$$

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

$$14 + 3 + 5$$

$$22$$

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

$$7 + 2 - 4$$

$$9 - 4$$

$$5$$

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

$$9 + 3 \times 4$$

$$9 + 12$$

$$21$$

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

$$9 \div 3 + 8$$

$$3 + 8$$

$$11$$

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

$$4 \times 2 - 3$$

$$8 - 3$$

$$5$$

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

$$4 + 6 + 5 \times 2$$

$$4 + 6 + 10$$

$$20$$

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)

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

$$12 \times 3 \div 9 = 4$$

$$36 \div 9 = 4$$

17)

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

$$8 + 2 \times 9 = 26$$

$$8 + 18 = 26$$

18)

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

$$10 \times 2 \div 5 = 4$$

$$20 \div 5 = 4$$

Pa 169 Part B

a) $4.6 + 5.1 - 3.2$

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

b) $8 - 3.6 \div 2$

$$\begin{array}{r} 8 - 3.6 \\ \hline 8 - 1.8 \\ \hline 6.2 \end{array}$$

$$\begin{array}{r} 2 \overline{) 13.6} \\ \underline{26} \\ 16 \\ \underline{16} \\ 0 \end{array}$$

$$\begin{array}{r} 8.6 \\ -1.8 \\ \hline 6.2 \end{array}$$

c) $46.4 - 10.8 \times 3$

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

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

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

d) $85.6 \div 0.4 \times 7$

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

$$\begin{array}{r} 214 \\ 4 \overline{) 856} \\ \underline{85} \\ 16 \end{array}$$

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

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

$$\begin{array}{r} 2.5 \times 4 + 9.2 \div 0.1 - 6 \\ \hline 10 + 9.2 \div 0.1 - 6 \\ \hline 10 + 92 - 6 \\ \hline 102 - 6 \\ \hline = 96 \end{array}$$

Showing Work

Step 1
 $21 - 15 = 6$

Step 2

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

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

$$\begin{array}{r} 92 \\ 1 \overline{) 92} \\ \underline{92} \\ 0 \end{array}$$

$$\begin{array}{r} 102 \\ -16 \\ \hline 86 \end{array}$$

Class/Homework

Test Tuesday Feb 7

page 109 #1#2, #3 & last day's worksheet

MORE :



- #6 Word problem
- #7 a) Bedmas
Whole #
- b) Bedmas decim

$$2a) (46.78 - 23.58) \times 2.5$$

$$23.2 \times 2.5$$

$$58$$

$$\begin{array}{r} 46.78 \\ - 23.58 \\ \hline 23.20 \end{array}$$

$$\begin{array}{r} 23.2 \\ \times 2.5 \\ \hline 1160 \\ 4640 \\ \hline 58.00 \end{array}$$

$$b) (98.5 + 7) \div 0.5$$

$$105.5 \div 0.5$$

$$211$$

(Dividing by 0.5
is the same as
multiplying by 2)

$$c) 7.2 \div (2.4 - 1.8)$$

$$7.2 \div 0.6$$

$$72 \div 6 = 12$$

$$\begin{aligned} 3. a) & 9.8 - 3.2 \div 0.4 + 2.6 \\ & \underline{9.8 - 8} + 2.6 \\ & 1.8 + 2.6 \\ & 4.4 \end{aligned}$$

$$\begin{aligned} b) & (9.8 - 3.2) \div (0.4 + 2.6) \\ & 6.6 \div 3 \\ & 2.2 \end{aligned}$$

$$4. a) 1,35 + (5 \times 4.9 \div 0.07) - 2.7 \times 21$$

$$1. 35 + (24.5 \div 0.07) - 2.7 \times 21$$

$$1. 35 + 350 - 2.7 \times 21$$

$$1. 35 + 350 + 5.67$$

$$357.02$$

$$\begin{array}{r} 350 \\ 7 \overline{) 2450} \\ \underline{21} \\ 35 \end{array}$$

$$\begin{array}{r} 2.7 \\ 2.1 \\ \hline 540 \\ \hline 5.67 \end{array}$$

$$b) 9.035 \times 5.2 - 4.32 \times 6.7$$

$$46.982 - 28.944$$

$$18.038$$

$$\begin{array}{r} 9.035 \\ \times 5.2 \\ \hline 18070 \\ 451750 \\ \hline 469820 \end{array}$$

$$\begin{array}{r} 4.32 \\ \times 6.7 \\ \hline 3024 \\ 25920 \\ \hline 28944 \end{array}$$

Exponents

$$2^3 = 2 \times 2 \times 2 = 8$$

$$4^2 = 4 \times 4 = 16$$

$$3^4 = 3 \times 3 \times 3 \times 3 = 81$$

Homework Sheet 31 # 1,3(a-e),5 (a-o)

$$\frac{4 + 8 \div 2 + 3 \times 6}{12 - (3 \times 4 - 2)} = \frac{26}{2} = 13$$

$$\begin{array}{r} 4 + 8 \div 2 + 3 \times 6 \\ 4 + 4 + 3 \times 6 \\ 4 + 4 + 18 \\ 26 \end{array}$$

$$\begin{array}{r} 12 - (3 \times 4 - 2) \\ 12 - (12 - 2) \\ 12 - 10 \\ 2 \end{array}$$