

Sixth Grade Math

ADDITION: Example: $(-9) + (-55) = -64$

1) $(-8) + (-16) =$

2) $(-30) + (-20) =$

3) $(-5) + (-43) =$

4) $(-11) + (-7) =$

MULTIPLICATION: Example: $5 \times (-10) = -50$

5) $2 \times (-7) =$

6) $6 \times (-9) =$

7) $4 \times (-8) =$

8) $3 \times (-12) =$

9) $1 \times (-4) =$

PERCENTAGES: Hint: $25\% = \frac{1}{4}$

Example: $25\% \text{ of } 15 = \frac{15}{4} = 3.75$

$$\frac{25 \times 15}{100} = 3.75$$

$$\begin{array}{r}
 3.75 \\
 4 \overline{) 15} \\
 \underline{12} \\
 30 \\
 \underline{28} \\
 20
 \end{array}$$

10) 45% of 20 =

11) 30% of 5 =

12) 10% of 95 =

13) 75% of 60 =

14) 50% of 80 =

ORDER OF OPERATION:

PEMDAS: Parentheses, Exponents, Multiplication and Division (from left to right), Addition and Subtraction (from left to right)

15) $9 \times 4 \times 2 \times 1 + 5 =$

19) $8 - 3 \times 6 \div 2 =$

16) $2 + 7 + 3 \times 7 \times 5 =$

20) $3 \times 0 \div 16 + 1 =$

17) $82 - 6 \times 1 =$

21) $4 + 2 \times 25 =$

18) $9 + 2 \times 44 =$

22) $8 - 64 \div 8 =$

ADDITION:

23)
$$\begin{array}{r} 4234 \\ 1865 \\ 7902 \\ +8765 \\ \hline \end{array}$$

24)
$$\begin{array}{r} 1234 \\ 5678 \\ 9123 \\ +4567 \\ \hline \end{array}$$

25)
$$\begin{array}{r} 9876 \\ 5432 \\ 1098 \\ +7654 \\ \hline \end{array}$$

26)
$$\begin{array}{r} 6732 \\ 3210 \\ 1112 \\ +5611 \\ \hline \end{array}$$

MULTIPLICATION OF DECIMALS:

27)

$$\begin{array}{r} 2.2 \\ \times 3.3 \\ \hline \end{array}$$

28)

$$\begin{array}{r} 8.7 \\ \times 1.4 \\ \hline \end{array}$$

29)

$$\begin{array}{r} 4.8 \\ \times 9.8 \\ \hline \end{array}$$

30)

$$\begin{array}{r} 7.7 \\ \times 5.5 \\ \hline \end{array}$$