





FOUR OPERATIONS WITH INTEGERS & DECIMALS

Number

Key Words

Place Value: The value a digit takes when placed in a particular position of a number.

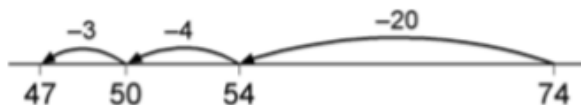
 <p>Add Sum Total All together Plus In all</p>	 <p>Multiply Product Times Twice Total Multiplied by</p>
 <p>Subtract Remain Difference Less than Fewer How many more Minus</p>	 <p>Divide Quotient Goes into Split Equally Each</p>

Examples

$$48 + 36 = 84$$



$$74 - 27 = 47 \text{ worked by counting back:}$$



$$\begin{array}{r} 97 \\ 3 \overline{)292} \\ \underline{30} \\ 29 \\ \underline{27} \\ 20 \\ \underline{21} \\ 0 \end{array}$$

$$\begin{array}{r} 258 \\ + 87 \\ \hline 345 \\ \underline{11} \end{array}$$

$$\begin{array}{r} 38 \\ - 15 \\ \hline 23 \\ - 8 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 38 \\ \times 7 \\ \hline 56 \\ 210 \\ \hline 266 \end{array}$$

$$56 \times 27$$

×	20	7	
50	1000	350	1350
6	120	42	162
			1512
			1



17, 18, 19, 20,
66, 67

Tip

Multiplication and addition are associative, so you can work them out in any order.

So 3×4 is the same as 4×3 .

$4 + 3$ is the same as $3 + 4$

Questions

- a) $49 + 37$ b) $125 + 69$ c) $5.6 + 24.8$
- a) $64 - 28$ b) $134 - 57$ c) $16.2 - 9.5$
- a) 7×146 b) 34×67 c) 2.9×7.2 4) a) $294 \div 7$ b) $192 \div 6$

ANSWERS : 1) a) 86 b) 194 c) 30.4
2) a) 36 b) 77 c) 6.7
3) a) 1022 b) 2278 c) 20.88
4) a) 42 b) 32