

SUBSTITUTION



ADDITION AND SUBTRACTION

FIND THE VALUE OF EACH EXPRESSION, IF $a = 6$ and $b = 3$.

EXAMPLE

$$\begin{aligned} \text{A) } a+5 \\ 6+5 \\ 11 \end{aligned}$$

$$\begin{aligned} \text{B) } b+4 \\ 3+4 \\ 7 \end{aligned}$$

$$\begin{aligned} \text{C) } a-2 \\ 6-2 \\ 4 \end{aligned}$$

FIND THE VALUE OF EACH EXPRESSION, IF $s = 8$

$$\begin{aligned} \text{A) } s+5 \\ 8+5 \\ 13 \end{aligned}$$

$$\begin{aligned} \text{B) } 15+s \\ 15+8 \\ 23 \end{aligned}$$

$$\begin{aligned} \text{C) } 25-s \\ 25-8 \\ 17 \end{aligned}$$

$$\begin{aligned} \text{D) } s+2 \\ 8+2 \\ 10 \end{aligned}$$

$$\begin{aligned} \text{E) } 13-s \\ 13-8 \\ 5 \end{aligned}$$

FIND THE VALUE OF EACH EXPRESSION, IF $x = 3$ and $y = 7$

$$\begin{aligned} \text{A) } x+2+y \\ 3+2+7=12 \end{aligned}$$

$$\begin{aligned} \text{B) } 8+x+y \\ 8+3+7=18 \end{aligned}$$

$$\begin{aligned} \text{C) } y+x+16 \\ 7+3+16=26 \end{aligned}$$

$$\begin{aligned} \text{D) } 1+x+y \\ 1+3+7=11 \end{aligned}$$

$$\begin{aligned} \text{E) } 19-x-y \\ 19-3-7=9 \end{aligned}$$

FIND THE VALUE OF EACH EXPRESSION, IF $a = 10$ and $b = 16$

$$\begin{aligned} \text{A) } b-10+a \\ 16-10+10 \\ =16 \end{aligned}$$

$$\begin{aligned} \text{B) } 8+b-a \\ 8+16-10 \\ =14 \end{aligned}$$

$$\begin{aligned} \text{C) } a-9+b \\ 10-9+16 \\ =17 \end{aligned}$$

$$\begin{aligned} \text{D) } a+b-20 \\ 10+16-20 \\ =6 \end{aligned}$$

$$\begin{aligned} \text{E) } 18+a-b \\ 18+10-16 \\ =12 \end{aligned}$$

FIND THE VALUE OF EACH EXPRESSION, IF $p = 2$, $q = 12$ AND $r = 7$

$$\begin{aligned} \text{A) } p+q+r \\ 2+12+7 \\ =21 \end{aligned}$$

$$\begin{aligned} \text{B) } r+5-p+q \\ 7+5-2+12 \\ =22 \end{aligned}$$

$$\begin{aligned} \text{C) } 10-q+r-p \\ 10-12+7-2 \\ =3 \end{aligned}$$

$$\begin{aligned} \text{D) } q-r+p \\ 12-7+2 \\ =7 \end{aligned}$$

$$\begin{aligned} \text{E) } q+6-r+p \\ 12+6-7+2 \\ =13 \end{aligned}$$

$$\begin{aligned} \text{F) } 11+r-q+p \\ 11+7-12+2 \\ =8 \end{aligned}$$

$$\begin{aligned} \text{G) } q-r-p+10 \\ 12-7-2+10 \\ =13 \end{aligned}$$

$$\begin{aligned} \text{H) } q+p-r \\ 12+2-7 \\ =7 \end{aligned}$$