

★ ★ ★ Solving Equations

$$x + 8 = 11$$

a) $x \rightarrow$ \rightarrow
 $b) x \rightarrow$ \rightarrow

\downarrow

$x =$

$$x - 14 = 26$$

c) $x \rightarrow$ \rightarrow
 $d) x \rightarrow$ \rightarrow

\downarrow

$x =$

$$2x = 14$$

e) $x \rightarrow$ \rightarrow
 $f) x \rightarrow$ \rightarrow

\downarrow

$x =$

$$x + 16 = 16$$

a) $x \rightarrow$ \rightarrow
 $b) x \rightarrow$ \rightarrow

\downarrow

$x =$

$$x + 8 = 5$$

c) $x \rightarrow$ \rightarrow
 $d) x \rightarrow$ \rightarrow

\downarrow

$x =$

$$x - 14 = -2$$

e) $x \rightarrow$ \rightarrow
 $f) x \rightarrow$ \rightarrow

\downarrow

$x =$

$$10x = 6$$

g) $x \rightarrow$ \rightarrow
 $h) x \rightarrow$ \rightarrow

\downarrow

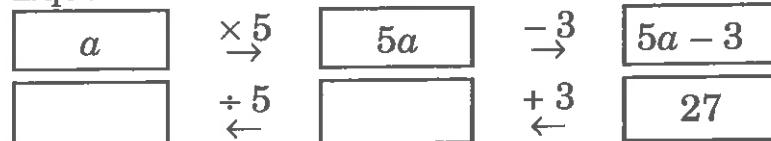
$x =$

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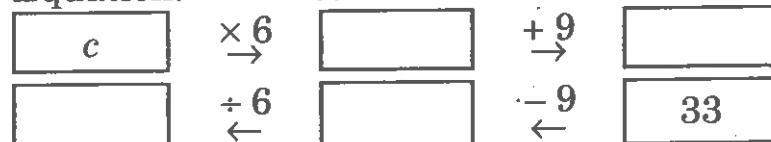
Exercise F

Complete each flowchart to solve the given equation.

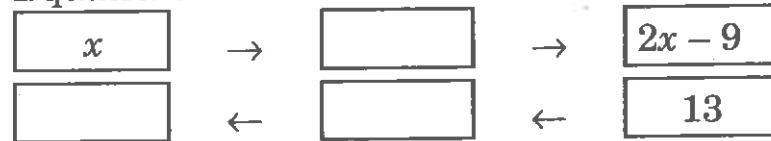
1. Equation: $5a - 3 = 27$

The solution is $a = \underline{\hspace{2cm}}$ Tick this box when you have checked that your answer works:

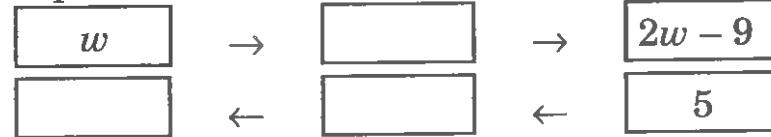
2. Equation: $6c + 9 = 33$

The solution is $c = \underline{\hspace{2cm}}$ Tick this box when you have checked that your answer works:

3. Equation: $2x - 9 = 13$

The solution is $x = \underline{\hspace{2cm}}$ Tick this box when you have checked that your answer works:

4. Equation: $2w - 9 = 5$

The solution is $w = \underline{\hspace{2cm}}$ Tick this box when you have checked that your answer works:

5. Equation: $4y + 20 = 52$

The solution is $y = \underline{\hspace{2cm}}$ Tick this box when you have checked that your answer works:

6. Equation: $8p - 5 = 43$

The solution is $p = \underline{\hspace{2cm}}$ Tick this box when you have checked that your answer works: