

Solve each equation.

1.  $5 + \frac{c}{3} = 9$

$c =$

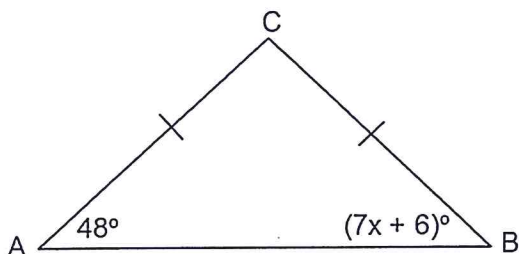
2.  $\frac{m+1}{6} = 9$

$m =$

3.  $\frac{11}{4}m = 8$

$m =$

4. The measure of  $\angle A$  equals the measure of  $\angle B$ . Write and solve an equation to find the value of  $x$



EQ:

$x =$

Solve each equation.

1.  $5 + \frac{c}{3} = 9$   
 $-5 \quad -5$

$3 \cdot \frac{c}{3} = 4 \cdot 3$

$c = 12$

2.  $\left(\frac{m+1}{6}\right) \cdot 6 = 9 \cdot 6$

$m+1 = 54$   
 $-1 \quad -1$

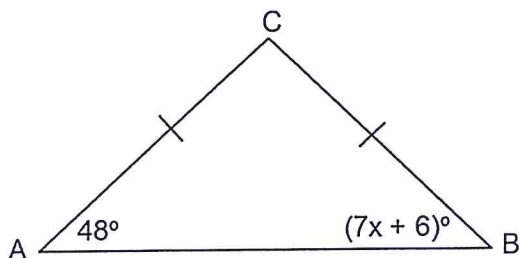
$m = 53$

3.  $\frac{4}{11} \cdot \frac{11}{4}m = 8 \cdot \frac{4}{11}$

$m = \frac{32}{11}$

$m = 8 \cdot \frac{4}{11} = \frac{32}{11}$

4. The measure of  $\angle A$  equals the measure of  $\angle B$ . Write and solve an equation to find the value of  $x$



EQ:  $48 = 7x + 6$   
 $-6 \quad -6$

$\frac{42}{7} = \frac{7x}{7}$

$x = 6$

ANSWERS