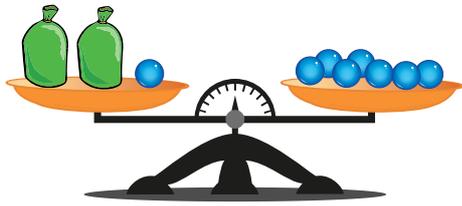


# Year 7 Class 18 questions

**Q1**

Find the number of marbles in each bag.



 =  marbles    3

Solve the equation to find x.

$$\frac{x}{6} = -8$$

x =     -48

**Q6**

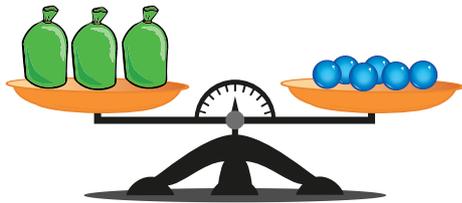
Solve the equation to find c.

$$13 + 6c = -29$$

c =     -7

**Q2**

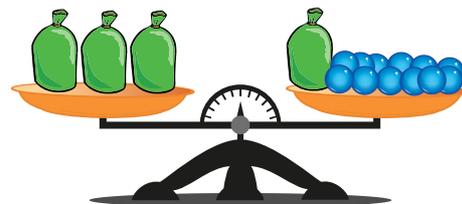
Find the number of marbles in each bag.



 =  marbles    2

**Q7**

Find the number of marbles in each bag.



 =  marbles    6

**Q3**

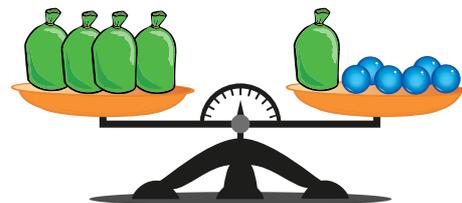
Solve the equation to find x.

$$4x = -48$$

x =     -12

**Q8**

Find the number of marbles in each bag.



 =  marbles    2

**Q4**

Solve the equation to find x.

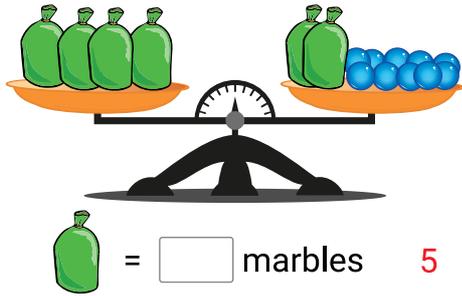
$$6x = -48$$

x =     -8

**Q5**

**Q9**

Find the number of marbles in each bag.



**Q10**

Solve the equation to find  $z$ .

$$-7z = -91$$

$$z = \text{[ ]} \quad \boxed{-13}$$

**Q11**

Solve the equation to find  $a$ .

$$-8a = 72$$

$$a = \text{[ ]} \quad \boxed{-9}$$

**Q12**

Solve the equation to find  $a$ .

$$-14a = -112$$

$$a = \text{[ ]} \quad \boxed{8}$$

**Q13**

Solve the equation to find  $x$ .

$$\frac{x}{-11} = 12$$

$$x = \text{[ ]} \quad \boxed{-132}$$

**Q14**

Solve the equation to find  $b$ .

$$\frac{b}{-15} = 8$$

$$b = \text{[ ]} \quad \boxed{-120}$$

**Q15**

Solve the equation to find  $c$ .

$$\frac{c}{-16} = -12$$

$$c = \text{[ ]} \quad \boxed{192}$$

**Q16**

Solve the equation to find  $z$ .

$$-31 = 5z + 14$$

$$z = \text{[ ]} \quad \boxed{-9}$$

**Q17**

Solve the equation to find  $a$ .

$$49 = 5a - 11$$

$$a = \text{[ ]} \quad \boxed{12}$$

**Q18**

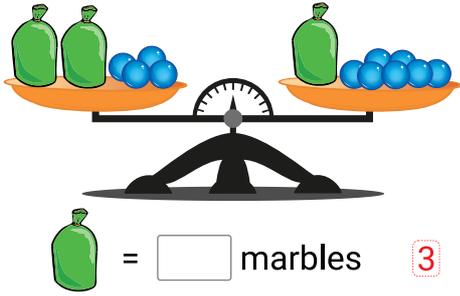
Solve the equation to find  $b$ .

$$-65 = 6b - 11$$

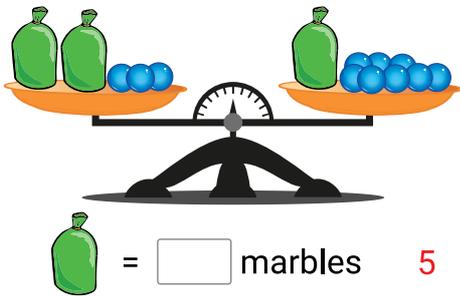
$$b = \text{[ ]} \quad \boxed{-9}$$

**Q19**

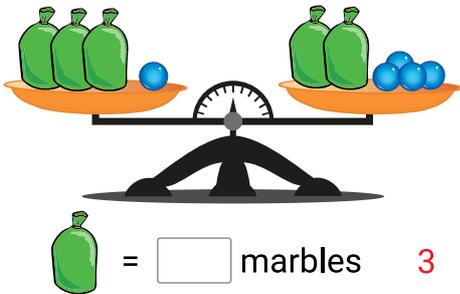
Find the number of marbles in each bag.

**Q20**

Find the number of marbles in each bag.

**Q21**

Find the number of marbles in each bag.

**Q22**Solve the equation to find  $a$ .

$$24a = 12$$

$$a = \boxed{\phantom{0.5}} \quad \mathbf{0.5}$$

**Q23**Solve the equation to find  $c$ .

$$20c = 5$$

$$c = \boxed{\phantom{0.25}} \quad \mathbf{0.25}$$

**Q24**Solve the equation to find  $a$ .

$$8.3a = -83$$

$$a = \boxed{\phantom{-10}} \quad \mathbf{-10}$$

**Q25**Solve the equation to find  $x$ .

$$\frac{x}{0.25} = 24$$

$$x = \boxed{\phantom{6}} \quad \mathbf{6}$$

**Q26**Solve the equation to find  $z$ .

$$\frac{z}{0.2} = 28$$

$$z = \boxed{\phantom{5.6}} \quad \mathbf{5.6}$$

**Q27**Solve the equation to find  $b$ .

$$\frac{b}{-20} = 2.8$$

$$b = \boxed{\phantom{-56}} \quad \mathbf{-56}$$

**Q28**Solve the equation to find  $a$ .

$$70 - 2a = 12a$$

$$a = \boxed{\phantom{5}} \quad \mathbf{5}$$

**Q29**

Solve the equation to find  $c$ .

$$189 - 6c = 15c$$

$$c = \boxed{\phantom{000}} \quad \boxed{9}$$

**Q30**

Solve the equation to find  $b$ .

$$3b = 336 - 11b$$

$$b = \boxed{\phantom{000}} \quad \boxed{24}$$