Year 7 Class 18 questions
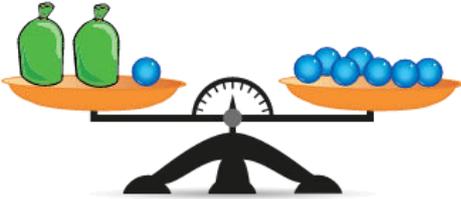
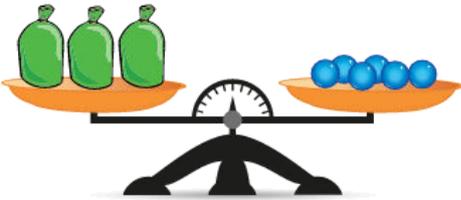## Q1

Find the number of marbles in each bag.

= ▢ marbles

Q2

Find the number of marbles in each bag.

= ▢ marbles

Q3

Solve the equation to find x.

$$4x = -48$$

$$x = \boxed{}$$

Q4

Solve the equation to find x.

$$6x = -48$$

$$x = \boxed{}$$

Q5

Solve the equation to find x.

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

$$x = \boxed{}$$

Q6

Solve the equation to find c.

$$13 + 6c = -29$$

$$c = \boxed{}$$

Q7
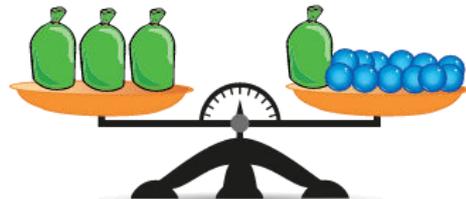
Find the number of marbles in each bag.

= ▢ marbles

Q8
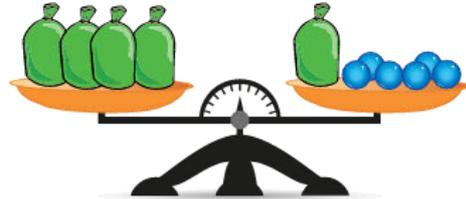
Find the number of marbles in each bag.

= ▢ marbles

Q9
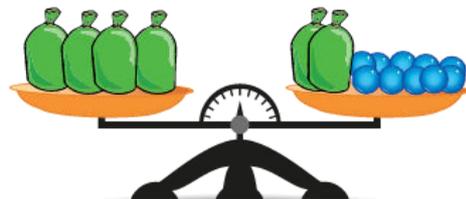
Find the number of marbles in each bag.

= ▢ marbles

Q10

Solve the equation to find z.

$$-7z = -91$$

$$z = \boxed{}$$

Q11

Solve the equation to find a.

$$-8a = 72$$

$$a = \boxed{}$$

Q12

Solve the equation to find a.

$$-14a = -112$$

$$a = \boxed{}$$

Q13

Solve the equation to find x.

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

$$x = \boxed{}$$

Q14

Solve the equation to find b.

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

$$b = \boxed{}$$

Q15

Solve the equation to find c.

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

$$c = \boxed{}$$

Q16

Solve the equation to find z.

$$-31 = 5z + 14$$

$$z = \boxed{}$$

Q17

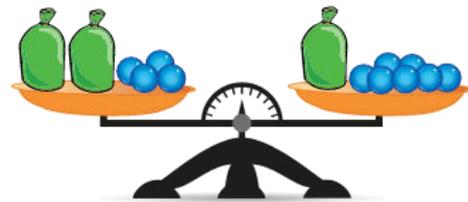Solve the equation to find a.

$$49 = 5a - 11$$

$$a = \boxed{}$$

Q18

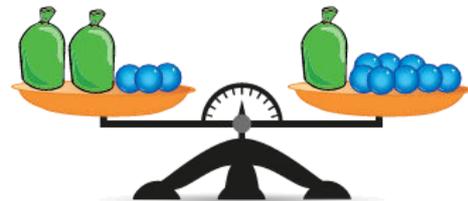Solve the equation to find b.

$$-65 = 6b - 11$$

$$b = \boxed{}$$

Q19

Find the number of marbles in each bag.

= $\boxed{}$ marbles

Q20

Find the number of marbles in each bag.

= $\boxed{}$ marbles

Q21

Find the number of marbles in each bag.
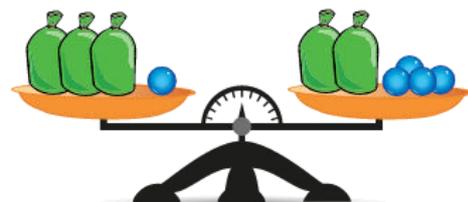
= $\boxed{}$ marbles

Q22

Solve the equation to find a.

$$24a = 12$$

$a =$ ☐

Q23

Solve the equation to find c.

$$20c = 5$$

$c =$ ☐

Q24

Solve the equation to find a.

$$8.3a = -83$$

$a =$ ☐

Q25

Solve the equation to find x.

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

$x =$ ☐

Q26

Solve the equation to find z.

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

$z =$ ☐

Q27

Solve the equation to find b.

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

$b =$ ☐

Q28

Solve the equation to find a.

$$70 - 2a = 12a$$

$a =$ ☐

Q29

Solve the equation to find c.

$$189 - 6c = 15c$$

$c =$ ☐

Q30

Solve the equation to find b.

$$3b = 336 - 11b$$

$b =$ ☐