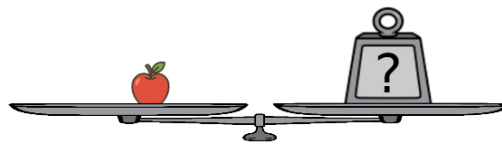
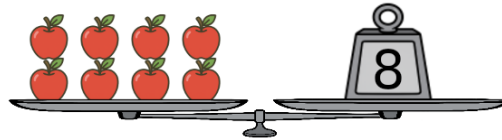




Model equations using a balance

1

What weight would balance the bottom scale?



A

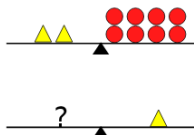


B



2

Which equation represents the solution to the bottom scale?



A $4c + t = t$

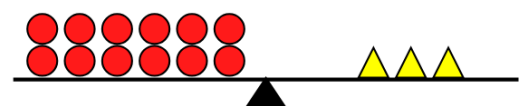
B $4c = t$

C $c + t = t$

D $c = t$

3

Which equations and answer represent these balance beams and the bottom solution



A

$$12c = 3t$$

$$4c = t$$

B

$$12c = t$$

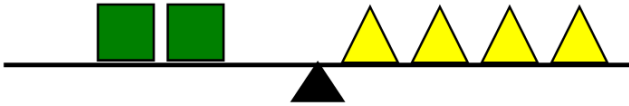
$$3c = t$$



Model equations using a balance

4

Which equations represent what these balance beams are showing



A

$$s = 4t + s$$

B

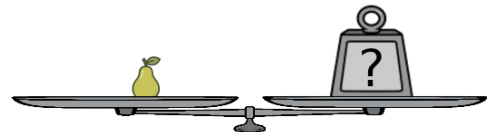
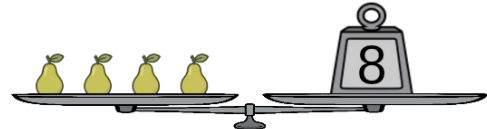
$$2s = 4t + s$$

C

$$2s = 4t$$

5

Which equations represent what these scales are showing



A

$$4p = 8$$

$$3p = ?$$

B

$$7p = 8$$

$$p = ?$$

C

$$4p = 8$$

$$p = ?$$

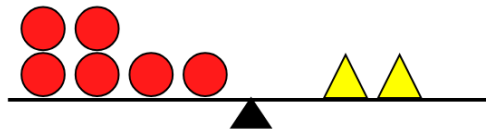
D

$$9p = 8$$

$$3p = ?$$

6

Which equations represent what these balance beams are showing



A

$$3c = 2t$$

$$3c = 4s$$

B

$$6c = 2t$$

$$2c = 4s$$

C

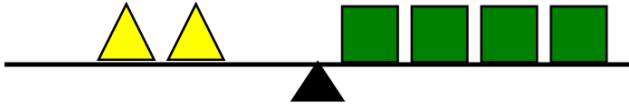
$$c = 2t$$

$$3c = 3s$$



Model equations using a balance

- 7 Which equations represent what these balance beams are showing

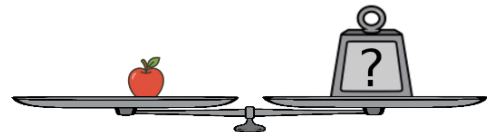
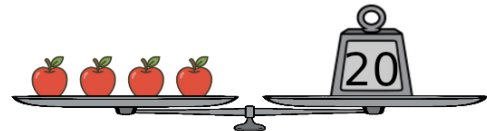


A $2t = 4s$

B $s = 4s$

C $4s = 4s$

- 8 Which equations represent what these scales are showing



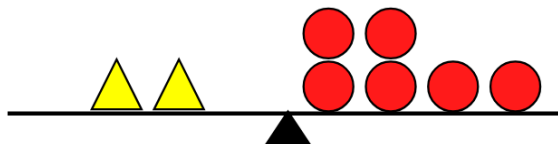
A $4a = 20$
 $a = ?$

B $4a = 20$
 $4a = ?$

C $3a = 20$
 $2a = ?$

D $5a = 20$
 $4a = ?$

- 9 Which equations represent what these balance beams are showing



A $5s = 2c$
 $5t = 6c$

B $4s = 2c$
 $2t = 6c$

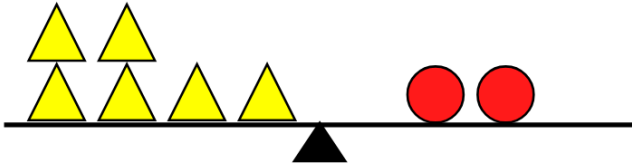
C $3s = 2c$
 $7t = 6c$



Model equations using a balance

10

Which equations represent what these balance beams are showing



A

$$6t = 2c + t$$

B

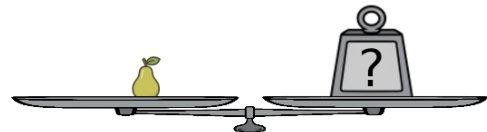
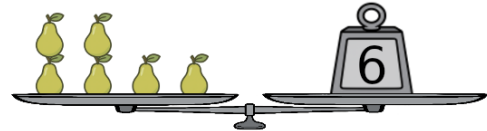
$$6t = 2c$$

C

$$6t + c = 2c + t$$

11

Which equations represent what these scales are showing



A

$$9p = 6$$
$$p = ?$$

B

$$6p = 6$$
$$p = ?$$

C

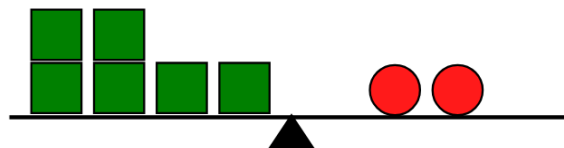
$$6p = 6$$
$$3p = ?$$

D

$$6p = 6$$
$$2p = ?$$

12

Which equations represent what these balance beams are showing



A

$$3t = 2s$$
$$6s = 4c$$

B

$$4t = 2s$$
$$6s = 2c$$

C

$$t = 2s$$
$$9s = 4c$$