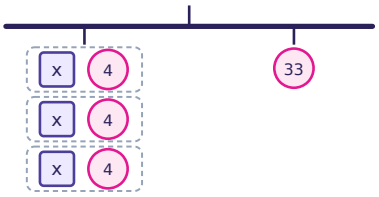
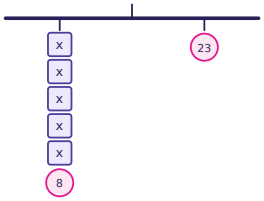
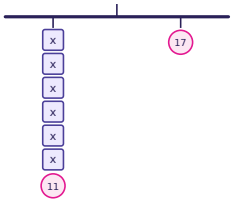
The left side is 3 equal groups of x and 4. Find x.



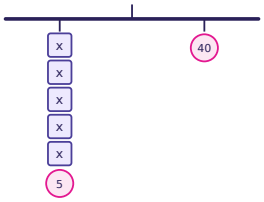
Find x.



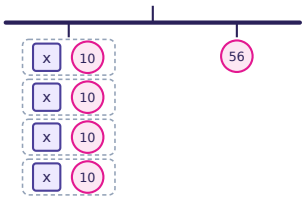
Find x.



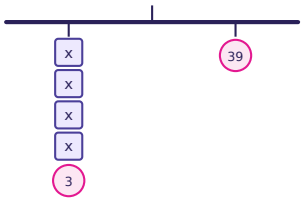
Find x.



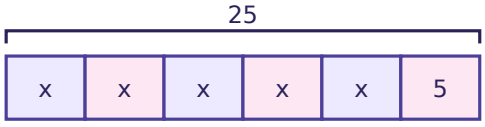
The left side is 4 equal groups of x and 10. Find x.



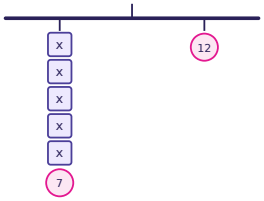
Find x.



The tape diagram shows 5 parts of x and 5 more, making 25. Find x.



Find x.



Hanger Diagrams & Balanced Equations · 2

ANSWER

3

Hanger Diagrams & Balanced Equations · 1

ANSWER

7

Hanger Diagrams & Balanced Equations · 4

ANSWER

7

Hanger Diagrams & Balanced Equations · 3

ANSWER

1

Hanger Diagrams & Balanced Equations · 6

ANSWER

9

Hanger Diagrams & Balanced Equations · 5

ANSWER

4

Hanger Diagrams & Balanced Equations · 8

ANSWER

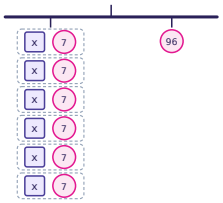
1

Hanger Diagrams & Balanced Equations · 7

ANSWER

4

The left side is 6 equal groups of x and 7. Find x.

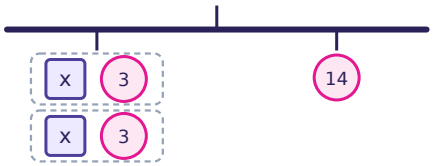


$$6(x + 1) = 48$$

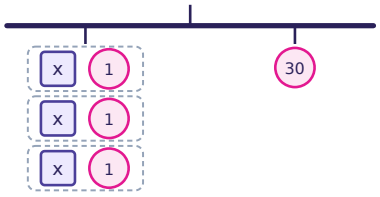
$$5x + 9 = 29$$

$$4(x + 1) = 16$$

The left side is 2 equal groups of x and 3. Find x.

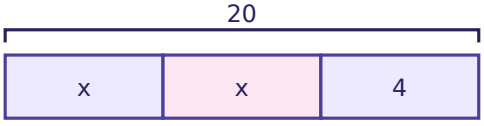


The left side is 3 equal groups of x and 1. Find x.



$$2x + 10 = 28$$

The tape diagram shows 2 parts of x and 4 more, making 20. Find x.



Hanger Diagrams & Balanced Equations · 10

ANSWER

7

Hanger Diagrams & Balanced Equations · 9

ANSWER

9

Hanger Diagrams & Balanced Equations · 12

ANSWER

3

Hanger Diagrams & Balanced Equations · 11

ANSWER

4

Hanger Diagrams & Balanced Equations · 14

ANSWER

9

Hanger Diagrams & Balanced Equations · 13

ANSWER

4

Hanger Diagrams & Balanced Equations · 16

ANSWER

8

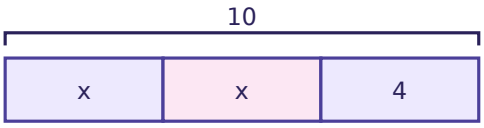
Hanger Diagrams & Balanced Equations · 15

ANSWER

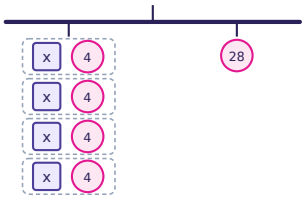
9

$$6(x + 5) = 66$$

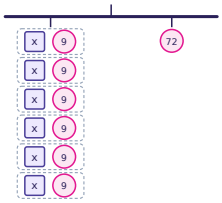
The tape diagram shows 2 parts of x and 4 more, making 10. Find x.



The left side is 4 equal groups of x and 4. Find x.

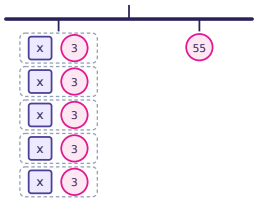


The left side is 6 equal groups of x and 9. Find x.

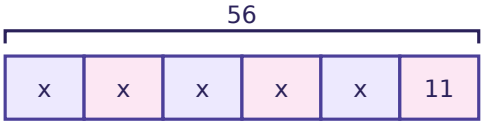


$$2x + 4 = 20$$

The left side is 5 equal groups of x and 3. Find x.



The tape diagram shows 5 parts of x and 11 more, making 56. Find x.



The left side is 2 equal groups of x and 7. Find x.



Hanger Diagrams & Balanced Equations · 18

ANSWER

3

Hanger Diagrams & Balanced Equations · 17

ANSWER

6

Hanger Diagrams & Balanced Equations · 20

ANSWER

3

Hanger Diagrams & Balanced Equations · 19

ANSWER

3

Hanger Diagrams & Balanced Equations · 22

ANSWER

8

Hanger Diagrams & Balanced Equations · 21

ANSWER

8

Hanger Diagrams & Balanced Equations · 24

ANSWER

2

Hanger Diagrams & Balanced Equations · 23

ANSWER

9