

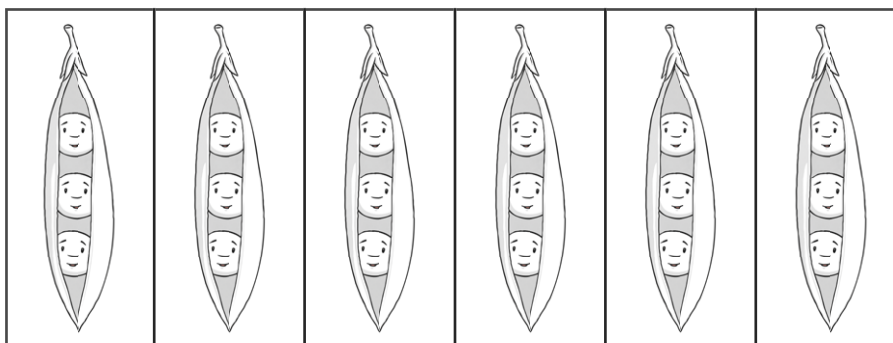


Grouping Peas in Threes

I can recall and use facts from the 3x table.



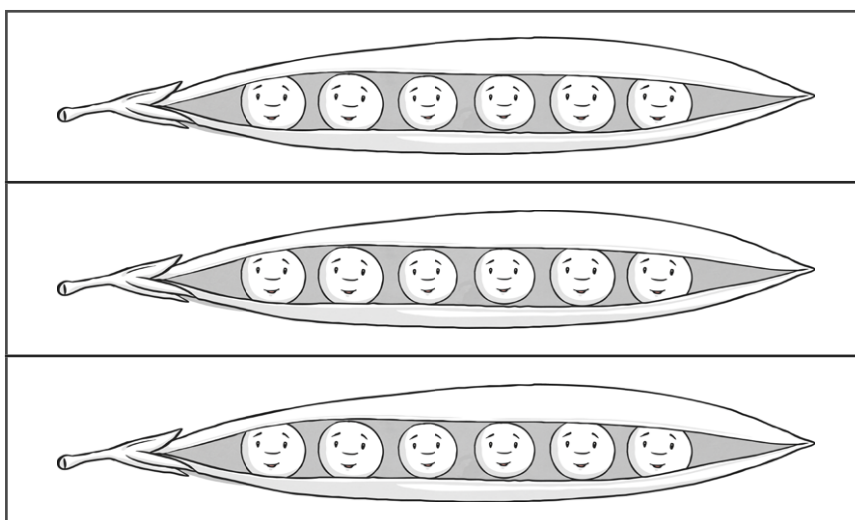
Count 18 counters. Put them in groups of 3 like this:



1. How many groups of 3 do you have?

2. $3 \times \square = 18$

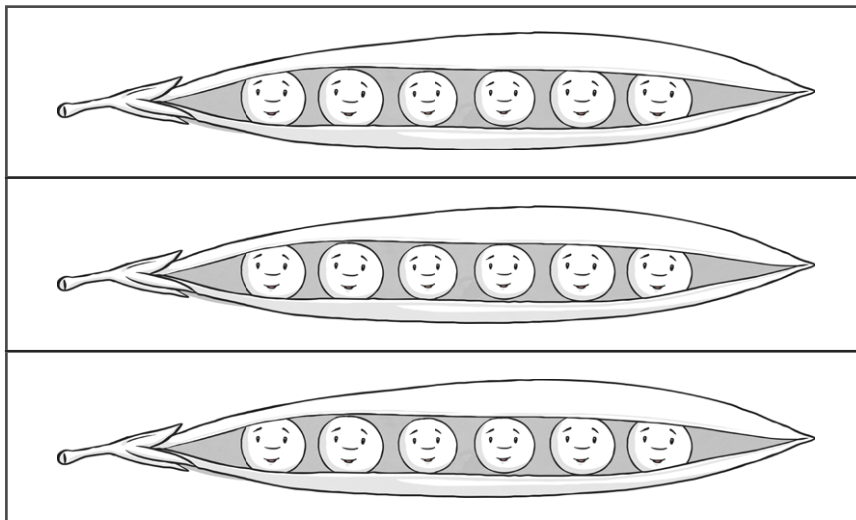
Now group them in groups of 6.



3. $\square \times 3 = 18$



Grouping Peas in Threes



Can you complete the 2 division sentences which go with this group of peas?

4. 18 shared into 3 pods. How many peas in each pod?

$$18 \div 3 = \boxed{}$$

5. How many pods would we need to split 18 peas into 3 equal groups?

$$18 \div \boxed{} = 3$$

6. Can you find 4 facts for each of these numbers? Sketch the rows of peas out if you need to.

a. 24	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
b. 33	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
c. 6	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
d. 27	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
e. 36	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

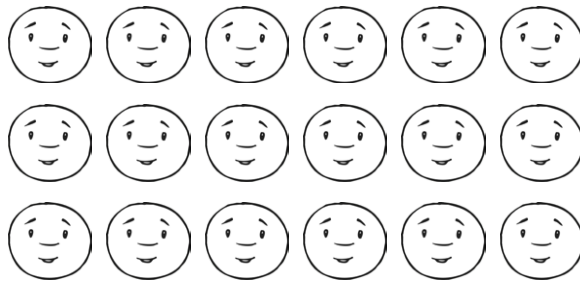


Grouping Peas in Threes

I can recall and use facts from the 3x table.



Write 2 multiplication facts and 2 division facts for each group of peas.



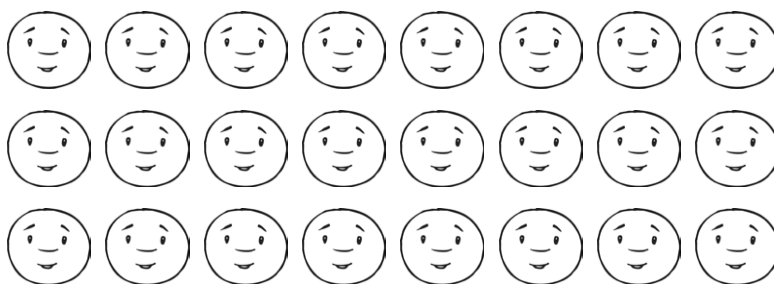
Complete these multiplication and division facts.

1. $3 \times \square = 18$

3. $18 \div \square = 3$

2. $\square \times 3 = 18$

4. $18 \div 3 = \square$



Complete these multiplication and division facts.

5. $3 \times \square = \square$

7. $\square \div \square = 3$

6. $\square \times 3 = \square$

8. $\square \div 3 = \square$



Grouping Peas in Threes

9. Can you find 4 facts for each of these? Sketch the rows of peas out if you need to.

a. 27	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
b. 33	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
c. 6	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
d. 30	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
e. 15	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

10.

- a. There are 36 children in Mrs P. Pod's class. She puts them into groups of 3.
How many groups are there?

<input type="text"/>
Answer = <input type="text"/>

- b. Mr Mushy has 11 tins of peas. Mrs Green has 3 times as many.
How many tins of peas does Mrs Green have?

<input type="text"/>
Answer = <input type="text"/>

- c. Suzy Stalk has a jar containing 27 peas. She shares them fairly with her 2 friends Percy and Polly.
How many peas does each child get?

<input type="text"/>
Answer = <input type="text"/>

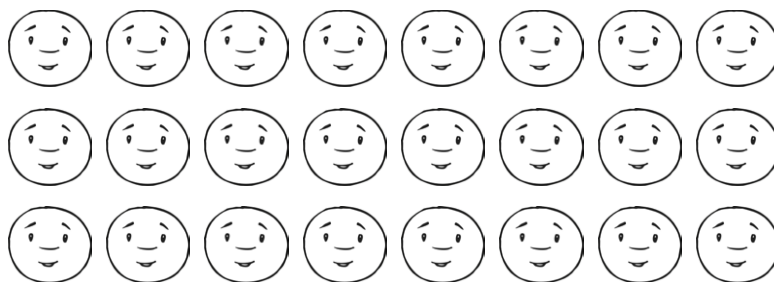


Grouping Peas in Threes

I can recall and use facts from the 3x table.



Write 2 multiplication facts and 2 division facts for each group of peas.



1. How many peas can you see? Count the peas in 3s.

Complete these multiplication and division facts.

2. $3 \times \square = \square$

3. $\square \div \square = 3$

4. $\square \times 3 = \square$

5. $\square \div 3 = \square$

6. Can you find 4 facts for each of these? Sketch the rows of peas out if you need to.

a. 27	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
b. 33	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
c. 6	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
d. 30	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
e. 15	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>



Grouping Peas in Threes

7. There are 36 children in Mrs P. Pod's class. She puts them into groups of 3.
How many groups are there?

Answer = _____

8. Mr Mushy has 11 tins of peas. Mrs Green has 3 times as many.
How many tins of peas does Mrs Green have?

Answer = _____

9. Suzy Stalk has a jar containing 27 peas. She shares them fairly with her 2 friends Percy and Polly.
How many peas does each child get?

Answer = _____

10. Philip plants a pea in a pot of soil. He waters it every day and leaves it in the sunlight. Eventually there are 4 pods on the stalk, each containing 3 peas.
How many peas are on Philip's pea plant?

Answer = _____

11. Now write a problem of your own to go with each of these number sentences.

a) $18 \div 3 = 6$

b) $27 \div 3 = 9$

c) $24 \div 3 = 8$



Grouping Peas in Threes

Answers

Write 2 multiplication facts and 2 division facts for each group of peas.

1. How many groups of 3 do you have?

6

2. $3 \times 6 = 18$

Now group them in groups of 6.

3. $6 \times 3 = 18$

Can you complete the 2 division sentences which go with this group of peas?

4. 18 shared into 3 pods. How many peas in each pod?

$18 \div 3 = 6$

5. How many pods would we need to split 18 peas into 3 equal groups?

$18 \div 6 = 3$

6. How many pods would we need to split 18 peas into 3 equal groups?

a. 27	$9 \times 3 = 27$	$3 \times 9 = 27$	$27 \div 3 = 9$	$27 \div 9 = 3$
b. 33	$11 \times 3 = 33$	$3 \times 11 = 33$	$33 \div 3 = 11$	$33 \div 11 = 3$
c. 6	$2 \times 3 = 6$	$3 \times 2 = 6$	$6 \div 3 = 2$	$6 \div 2 = 3$
d. 30	$10 \times 3 = 30$	$3 \times 10 = 30$	$30 \div 3 = 10$	$30 \div 10 = 3$
e. 15	$5 \times 3 = 15$	$3 \times 5 = 15$	$15 \div 3 = 5$	$15 \div 5 = 3$



Grouping Peas in Threes

Answers

Write 2 multiplication facts and 2 division facts for each group of peas.

Complete these multiplication and division facts.

1. $3 \times \boxed{6} = 18$

3. $18 \div \boxed{6} = 3$

2. $\boxed{6} \times 3 = 18$

4. $18 \div 3 = \boxed{6}$

Complete these multiplication and division facts.

5. $3 \times \boxed{8} = \boxed{24}$

7. $\boxed{24} \div \boxed{8} = 3$

6. $\boxed{8} \times 3 = \boxed{24}$

8. $\boxed{24} \div 3 = \boxed{8}$

9. Can you find 4 facts for each of these? Sketch the rows of peas out if you need to.

a. 27	$9 \times 3 = 27$	$3 \times 9 = 27$	$27 \div 3 = 9$	$27 \div 9 = 3$
b. 33	$11 \times 3 = 33$	$3 \times 11 = 33$	$33 \div 3 = 11$	$33 \div 11 = 3$
c. 6	$2 \times 3 = 6$	$3 \times 2 = 6$	$6 \div 3 = 2$	$6 \div 2 = 3$
d. 30	$10 \times 3 = 30$	$3 \times 10 = 30$	$30 \div 3 = 10$	$30 \div 10 = 3$
e. 15	$5 \times 3 = 15$	$3 \times 5 = 15$	$15 \div 3 = 5$	$15 \div 5 = 3$



Grouping Peas in Threes

Answers

- 10.** There are 36 children in Mrs P. Pod's class. She puts them into groups of 3.
How many groups are there?

$$\text{Answer} = 36 \div 3 = 12$$

- 11.** Mr Mushy has 11 tins of peas. Mrs Green has 3 times as many.
How many tins of peas does Mrs Green have?

$$\text{Answer} = 11 \times 3 = 33$$

- 12.** Suzy Stalk has a jar containing 27 peas. She shares them fairly with her 2 friends Percy and Polly.
How many peas does each child get?

$$\text{Answer} = 27 \div 3 = 9$$



Grouping Peas in Threes

Answers

Write 2 multiplication facts and 2 division facts for each group of peas.

1. How many peas can you see? Count the peas in 3s.

24

Complete these multiplication and division facts.

2. $3 \times$

8

=

24

4.

24

\div

8

=

3

3.

8

\times

3

=

24

5.

24

\div

3

=

8

6. Can you find 4 facts for each of these? Sketch the rows of peas out if you need to.

a. 27

$9 \times 3 = 27$

$3 \times 9 = 27$

$27 \div 3 = 9$

$27 \div 9 = 3$

b. 33

$11 \times 3 = 33$

$3 \times 11 = 33$

$33 \div 3 = 11$

$33 \div 11 = 3$

c. 6

$2 \times 3 = 6$

$3 \times 2 = 6$

$6 \div 3 = 2$

$6 \div 2 = 3$

d. 30

$10 \times 3 = 30$

$3 \times 10 = 30$

$30 \div 3 = 10$

$30 \div 10 = 3$

e. 15

$5 \times 3 = 15$

$3 \times 5 = 15$

$15 \div 3 = 5$

$15 \div 5 = 3$



Grouping Peas in Threes

Answers

7. There are 36 children in Mrs P. Pod's class. She puts them into groups of 3.
How many groups are there?

$$\text{Answer} = 36 \div 3 = 12$$

8. Mr Mushy has 11 tins of peas. Mrs Green has 3 times as many.
How many tins of peas does Mrs Green have?

$$\text{Answer} = 11 \times 3 = 33$$

9. Suzy Stalk has a jar containing 27 peas. She shares them fairly with her 2 friends Percy and Polly.
How many peas does each child get?

$$\text{Answer} = 27 \div 3 = 9$$

10. Philip plants a pea in a pot of soil. He waters it every day and leaves it in the sunlight. Eventually there are 4 pods on the stalk, each contains 3 peas.
How many peas are on Philip's pea plant?

$$\text{Answer} = 4 \times 3 = 12$$

11. Now write a problem of your own to go with each of these number sentences.

a. $18 \div 3 = 6$ b. $27 \div 3 = 9$ c. $24 \div 3 = 8$

Multiple answers possible.