

Chilli Challenges

Mild

Complete the number sentences.

1 triangle has 3 sides.

3 triangles have ___ sides in total.

___ triangles have 6 sides in total.

5 triangles have ___ sides in total.



$$1 \times 3 = 3$$

$$3 \times \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \times \underline{\quad} = 6$$

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

Hot

Sort the cards below so they follow round in a loop.

Start at $18 - 3$

Calculate the answer to this calculation.

The next card needs to be begin with this answer.

18 - 3	21 ÷ 3	15 ÷ 3	8 - 5
5 × 2	10 × 2	20 + 1	4 × 2
14 - 2	12 ÷ 3	3 × 6	7 × 2

Spicy

Start this rhythm:

Clap, clap, click, clap, clap, click.

Carry on the rhythm, what will you do on the 15th beat?

How do you know?

What will you be doing on the 20th beat?

Explain your answer.

Answers

Hot

Order:

$$18 - 3$$

$$15 \div 3$$

$$5 \times 2$$

$$10 \times 2$$

$$20 + 1$$

$$21 \div 3$$

$$7 \times 2$$

$$14 - 2$$

$$12 \div 3$$

$$4 \times 2$$

$$8 - 5$$

$$3 \times 6$$

Spicy

Clicks are multiples of three.

On the 15th beat, I will be clicking because 15 is a multiple of 3

On the 20th beat, I will be clapping because 20 is not a multiple of 3