

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
29 30 31 32

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Which expression is equal to $38 \times 27 - 17 \times 38$?

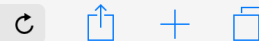


38×44

21×11

10×38

17×27



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YEAR 7 Numeracy Non-calculator Test 2 Sample Test

Time Allowed: 40min
Time Remaining: 00s
39min 48s

Finish Test

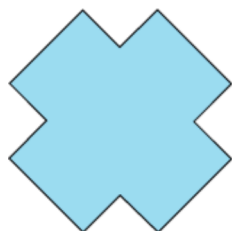
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
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Gemma drew this shape.



How many axes of symmetry does the shape have?

☐ 2

☐ 4

☐ 6

☐ 8

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Jesse has a drum of oil that weighs 1.2 kilograms.
He uses half the oil and notices that the half-full
drum weighs 700 grams.



What is the weight (in grams) of the empty drum?

[Submit](#)

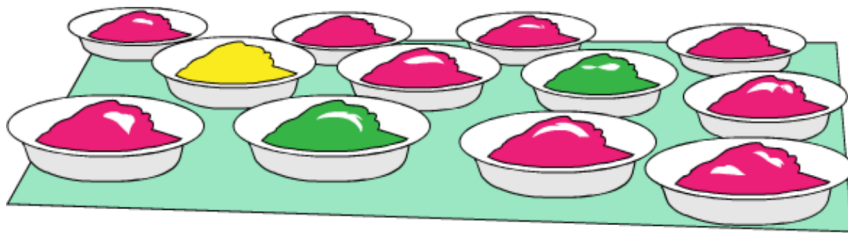
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A table has some bowls of jelly on it.



One bowl of jelly is selected at random.

Which statement is **not** correct?

☐ The bowl is likely to hold a red jelly.

☐ The bowl is unlikely to hold a yellow jelly.

☐ It is impossible to choose a bowl of blue jelly.

☐ There is a fifty-fifty chance of getting a green jelly.

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Chiraq is planting a 12-ha paddock with rye grass. He is trying out three different brands of seed to see which grows the best.

He plants $\frac{1}{3}$ of the paddock with Brand A, $\frac{1}{4}$ with Brand B and the rest with Brand C.

How much of the paddock is planted with Brand C?

☐ 4 ha

☐ 5 ha

☐ 6 ha

☐ 7 ha

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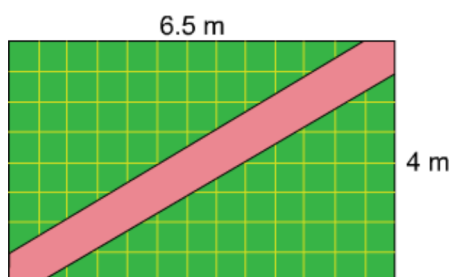
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The diagram shows a plan of Sergio's backyard which is divided into two equal parts by a path. The yard is rectangular, 6.5 metres long and 4 metres wide.



What is the best estimate for the area of the path?

5 m²

10 m²

15 m²

20 m²

☐

☐

☐

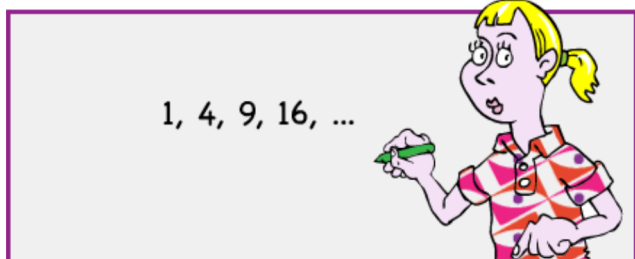
☐

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Naomi wrote the first few terms (numbers) in a number pattern.



What is the sum of the first ten terms of this pattern?

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YEAR 7 Numeracy Non-calculator Test 2 Sample Test

Time Allowed: 40min
 Time Remaining: 38min 22s

Finish Test

- 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
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Which shows the number: forty thousand and sixty-four?

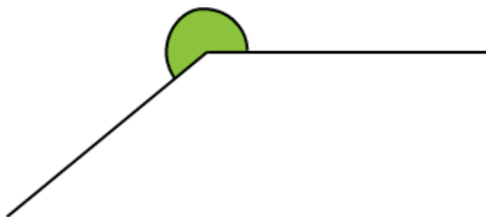
- ☐ 4"%"000"%"064 ☐ 400"%"064 ☐ 40"%"064 ☐ 4064

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Olivia wanted to know the size of the reflex angle shown in the diagram. She used her protractor and measured the size of the obtuse angle instead.



What should she do now?

Double the size of the obtuse angle.

Add 180° to the size of the obtuse angle.

Subtract the size of the obtuse angle from 180° .

Subtract the size of the obtuse angle from 360° .

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Which expression is not correct?



$$12 + 3 \times 2 < 21$$

$$24 \div 6 \neq 6 \div 24$$

$$13 \times 6 > 13 \times 4 + 13 \times 3$$

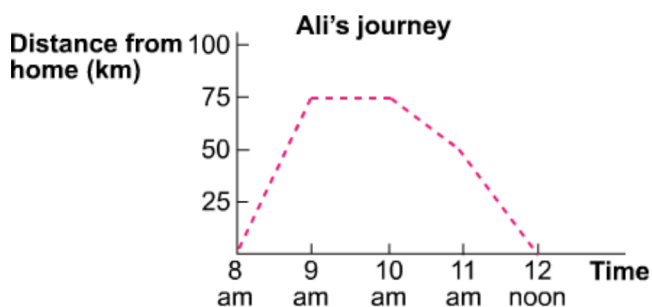
$$12 \times 4 = 6 \times 8$$

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The travel graph shows the distance Ali is from home at different times during a trip.



During what hour is Ali travelling at the fastest average speed?

☐ Between 8:00 am and 9:00 am

☐ Between 9:00 am and 10:00 am

☐ Between 10:00 am and 11:00 am

☐ Between 11:00 am and 12:00 noon

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
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Jordan buys 62 litres of petrol at \$1.29 per litre.



The cost of the petrol would be closest to?

☐ \$70

☐ \$80

☐ \$90

☐ \$100

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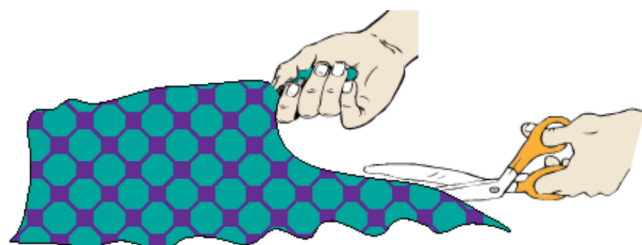
- 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
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Mei has a piece of material 1.2 metres in length. She cuts 25 centimetres off one end.



What length of material is left?

☐ 95 cm

☐ 105 cm

☐ 11.75 cm

☐ 1175 mm

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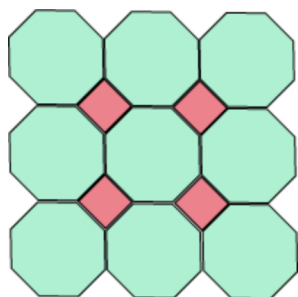
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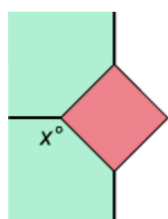
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This tiling pattern using octagons and squares appears on a floor.



This diagram shows an enlarged part of the above tiling pattern.



What is the value of x ?

☐ 120

☐ 135

☐ 144

☐ 150

17s

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
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Anyano knows that $24 \times 185 = 4440$

What is the value of 2.4×1.85 ?



☐ 0.0444

☐ 0.444

☐ 4.44

☐ 44.4

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$\frac{3}{4}, 2\frac{1}{2}, 4\frac{1}{4}, ?, 7\frac{3}{4}, 9\frac{1}{2}, 11\frac{1}{4}, \dots$

What is the missing number in this pattern?



☐ $5\frac{1}{2}$

☐ 6

☐ $6\frac{1}{4}$

☐ $6\frac{1}{2}$

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