

June 5th

5-a-day

Numeracy

14 ÷ 2

7

24 ÷ 8

3

28 ÷ 4

7

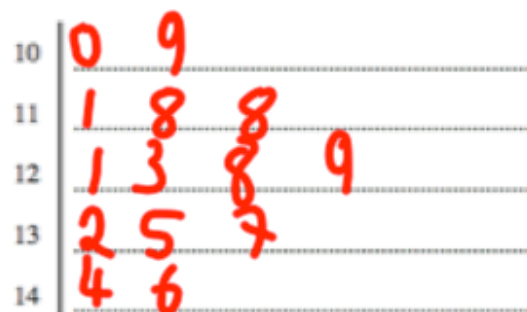
40 ÷ 8

5

~~121~~ ~~118~~ ~~128~~ ~~114~~ ~~110~~ ~~111~~ ~~129~~
~~146~~ ~~117~~ ~~123~~ ~~115~~ ~~109~~ ~~135~~ ~~132~~

Complete the stem-and-leaf and key

Key 10 | 0 represents 100 visitors



A teacher wants to find out how many times students go to the cinema each month.

How many times do you go to the cinema each month?

Write a suitable question and include a response section

0-1 2-3 4+

| Single tickets | | Family tickets | |
|----------------|--------|-------------------------|-----|
| Adult | £12.50 | 1 adult and 2 children | £25 |
| Child | £ 8 | 1 adult and 3 children | £30 |
| | | 2 adults and 2 children | £35 |
| | | 2 adults and 3 children | £40 |

How much money if they buy a family ticket compared to single tickets?

2 Adults - £25
 2 children - £16

 £41

Mr and Mrs Jones and their two children visit a museum.

£6

Work out 30 multiplied by 40

1200

What is 3 less than 0?

-3

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Foundation

Patten 1



1

Patten 2



4

Patten 3



7

Draw Pattern 4



10

How many squares are in pattern 5?

13

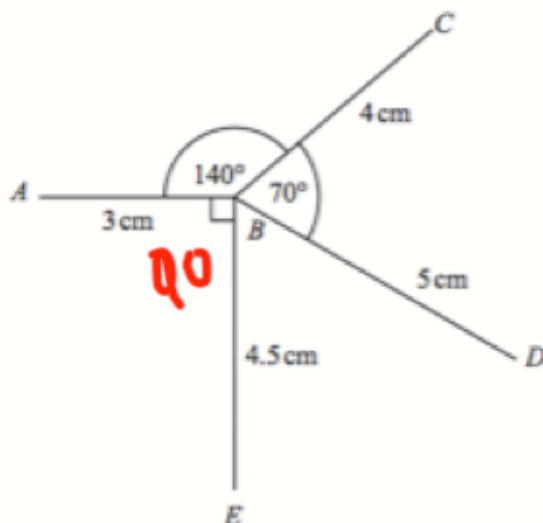
What is the nth term for the number of squares?

1 4 7 10 13
3n 3 6 9 12 15
 $3n - 2$

Write 20 as a product of primes.



$2 \times 2 \times 5$
 $2^2 \times 5$



What length is the line BE?

4.5 cm

Work out the size of angle DBE.

$$140 + 70 + 90 = 300^\circ$$

$$360 - 300 = 60^\circ$$

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Higher

$$\frac{x-3}{2} = 8$$

$$x-3=16$$

$$x=19$$

$$\frac{3}{8} \div \frac{1}{3}$$

$$\frac{3}{8} \times \frac{3}{1} = \frac{9}{8}$$

$$= 1\frac{1}{8}$$

Simplify

$$(9x^2y^4)^2$$

$$81x^4y^8$$

Simplify fully

$$\frac{x^2+4x}{x^2+3x-4}$$

$$\frac{x(x+4)}{(x+4)(x-1)} = \frac{x}{x-1}$$

Find the equation of the line $y=y$ passing through $(-1, 1)$ and $(3, 13)$

$$m = \frac{13-1}{3-(-1)} = \frac{12}{4} = 3$$

$$y = 3x + c$$

$$13 = 9 + c$$

$$c = 4$$

$$y = 3x + 4$$