

13
CLUES



CRACK THE CODE

Answer the question on each tile. Each square is 1 cm. P' is the image of the point P. Look your answer up in the **Code Box** and write the letter it unlocks in the white box. Collect all thirteen letters in the strip, then unscramble them to find the answer.

1

Find the scale factor.

E

2

Find the scale factor.

Y

3

Find the scale factor.

K

4

Find the scale factor.

E

5

Enlarge A by scale factor 4. Longest side of the image?

C

6

Enlarge A by scale factor 1/2. Perimeter of the image?

O

7

Enlarge A by scale factor 3. Perimeter of the image?

I

8

Scale factor 2, centre C. The x coordinate of P'?

F

9

Scale factor 3, centre C. The x coordinate of P'?

S

10

Scale factor 1/2, centre C. The y coordinate of P'?

F

11

The x coordinate of the centre of enlargement?

S

12

The y coordinate of the centre of enlargement?

T

13

Scale factor 2, centre C. The x coordinate of P'?

T

YOUR LETTERS

E

Y

K

E

C

O

I

F

S

F

S

T

T

UNSCRAMBLE Clue: chewy sweets (6, 7) STICKY TOFFEES

CODE BOX

0 = S

1 = T

2 = A

3 = E

4 = K

5 = F

6 = N

7 = D

8 = S

9 = F

10 = T

11 = O

12 = C

13 = L

14 = B

18 = U

30 = I

44 = R

$\frac{1}{2}$ = Y

$\frac{1}{3}$ = E

