

# Using 'cious' with a Long /shuhs/ Sound

This week, we are looking at words with -cious endings.  
Get a partner to play matching pairs.

## Instructions

1. Cut out the cards and randomly place them face down on the table.
2. Take it in turns to choose two cards. Did you match a -cious word with the correct definition? If you did, keep the cards.
3. Whoever has collected the most cards at the end of the game is the winner!

|                                                       |                                           |                                           |                                            |
|-------------------------------------------------------|-------------------------------------------|-------------------------------------------|--------------------------------------------|
| <b>suspicious</b>                                     | Definition: deliberately cruel or violent | Definition: awake and alert               | <b>gracious</b>                            |
| Definition: having a distrust of someone or something | <b>conscious</b>                          | Definition: horrifyingly wicked           | Definition: kind and pleasant to everyone. |
| <b>malicious</b>                                      | Definition: of great value                | Definition: highly pleasant to taste      | <b>vicious</b>                             |
| Definition: roomy; having ample space                 | <b>spacious</b>                           | <b>delicious</b>                          | <b>atrocious</b>                           |
| <b>ferocious</b>                                      | Definition: fierce and cruel              | Definition: intending to do somebody harm | <b>precious</b>                            |

## Challenge Task

Are there any words that could potentially be matched to more than one definition?

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# Converting Between Different Units of Measurement

1. Complete this table. The first one has been done for you.

| Millilitres (ml) | Centilitres (cl) | Litres (l) |
|------------------|------------------|------------|
| 350              | 35               | 0.35       |
| 1300             |                  |            |
|                  |                  | 2.6        |
|                  | 82               |            |
| 680              |                  |            |

Draw lines to match these measurements. One has been done for you.

|       |       |
|-------|-------|
| 170cm | 0.86m |
| 40mm  | 2.5m  |
| 860mm | 1.7cm |
| 250cm | 0.4cm |
| 8.6m  | 1.7m  |
| 17mm  | 860cm |
| 4mm   | 0.04m |

*(A line is drawn from 170cm to 1.7m)*

2. Use <, = or > to complete the following sentences:

|       |                      |         |        |                      |      |       |                      |        |
|-------|----------------------|---------|--------|----------------------|------|-------|----------------------|--------|
| 6g    | <input type="text"/> | 0.006kg | 0.46kg | <input type="text"/> | 46g  | 3.5g  | <input type="text"/> | 3550kg |
| 1001g | <input type="text"/> | 1kg     | 0.38kg | <input type="text"/> | 379g | 4560g | <input type="text"/> | 4.56kg |

3. Complete the number sentences below:

|          |    |         |    |         |    |          |    |
|----------|----|---------|----|---------|----|----------|----|
| 360g =   | kg | 830cm = | m  | 4.2l =  | ml | 3400m =  | km |
| 0.74kg = | g  | 2.6m =  | cm | 760ml = | l  | 0.23km = | m  |
| 3078g =  | kg | 180cm = | m  | 0.9l =  | ml | 46m =    | km |

# Converting Between Different Units of Measurement

1. Complete this table. The first one has been done for you.

| Millilitres (ml) | Litres (l) |
|------------------|------------|
| 650              | 0.65       |
| 2300             |            |
|                  | 4.37       |
|                  | 9.2        |
| 780              |            |

2. Draw lines to match these measurements. One has been done for you.

|       |        |
|-------|--------|
| 170cm | 800cm  |
| 40cm  | 2.5m   |
| 8m    | 1700cm |
| 250cm | 0.4m   |
| 4m    | 1.7m   |
| 17m   | 400cm  |

*(A line is drawn from 170cm to 1.7m)*

3. Use <, = or > to complete the following sentences:

8400g  8.4kg

1100g  1kg

725g  7.25kg

6.6kg  660g

3.7kg  379g

2890g  2.89kg

4. Complete the number sentences below:

250g =            kg

390cm =            m

2.6l =            ml

0.46kg =            g

5.6m =            cm

350ml =            l

1240g =            kg

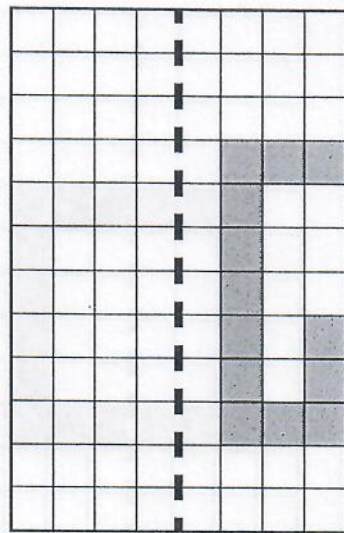
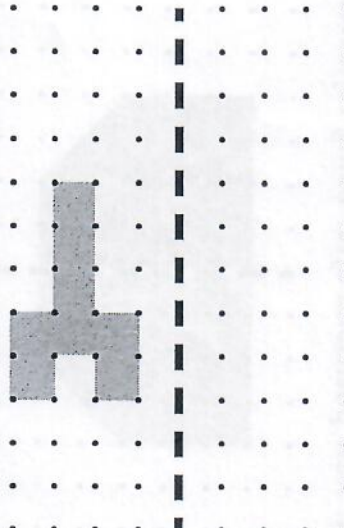
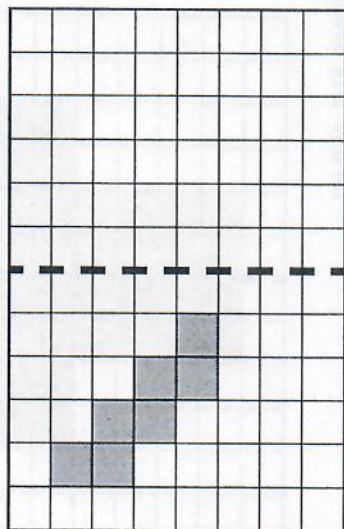
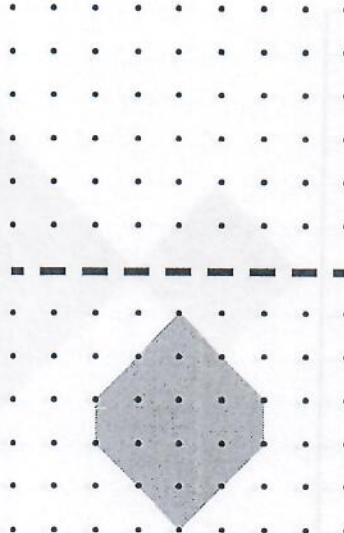
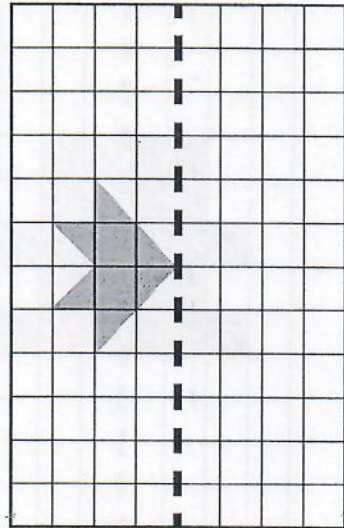
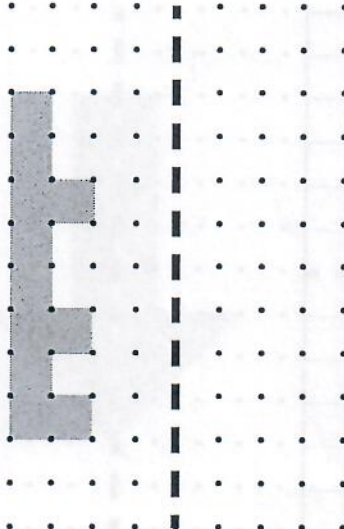
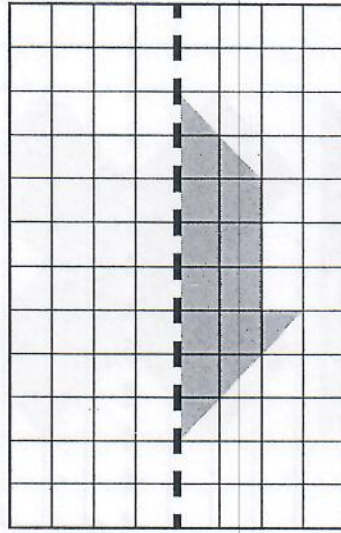
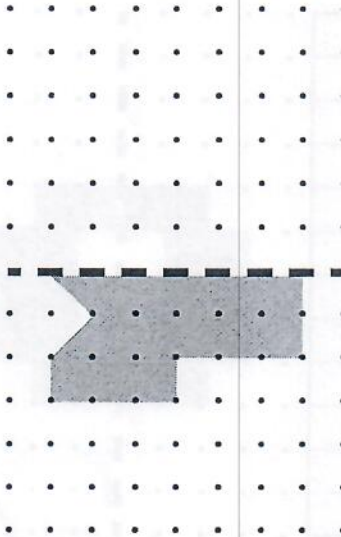
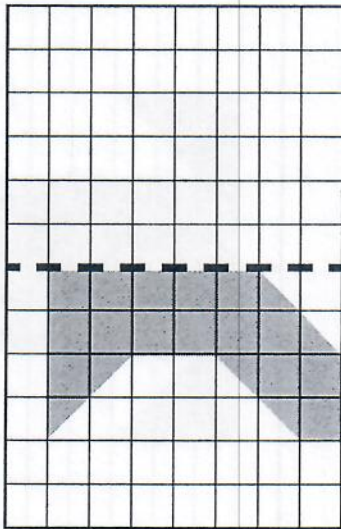
980cm =            m

0.8l =            ml



# Drawing Reflected Shapes

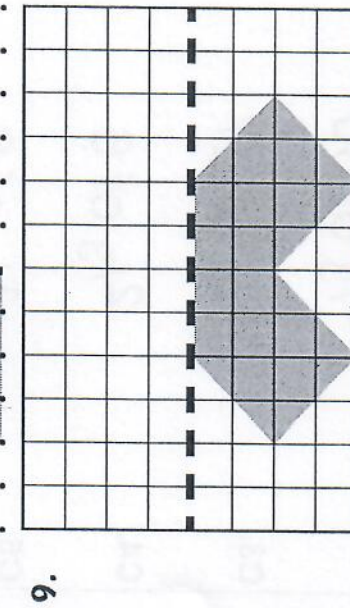
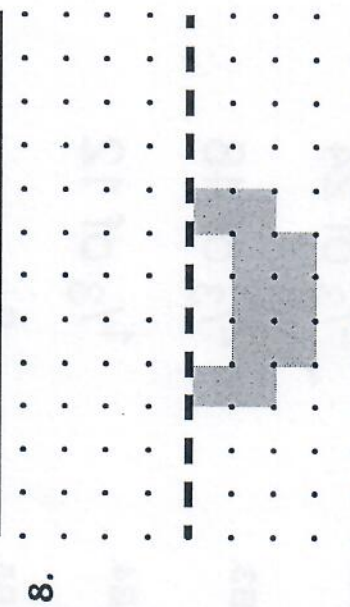
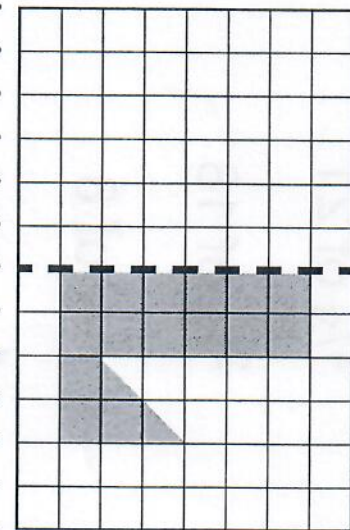
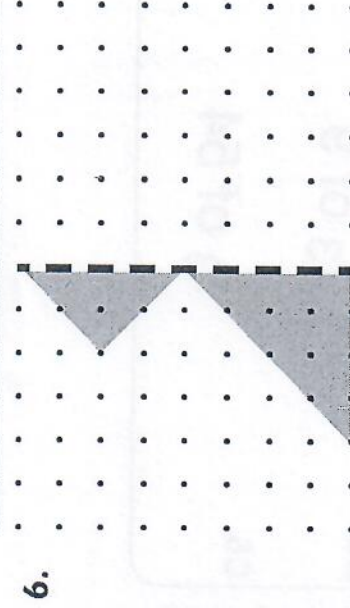
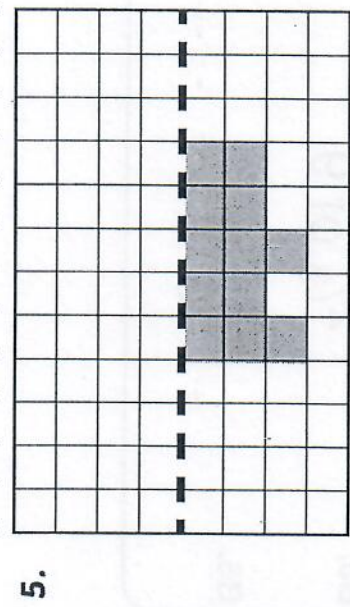
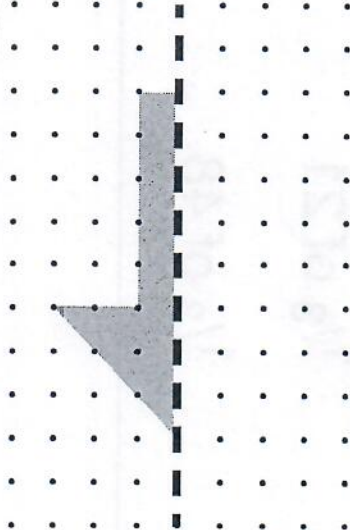
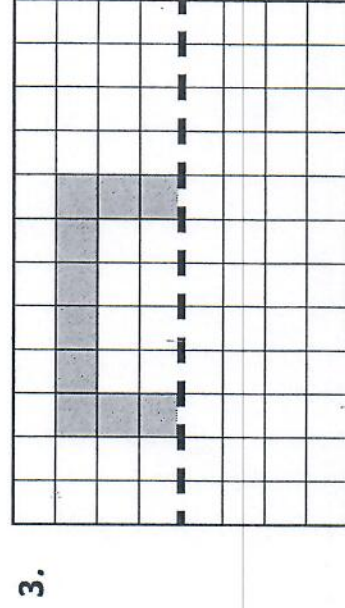
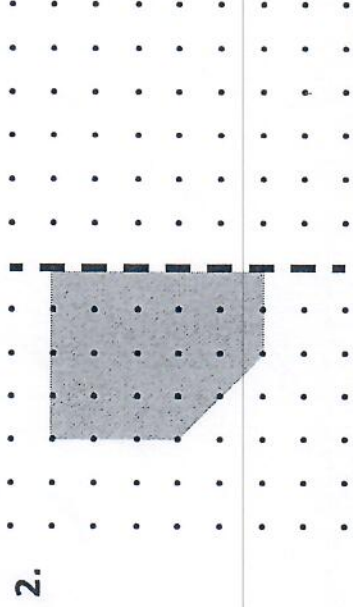
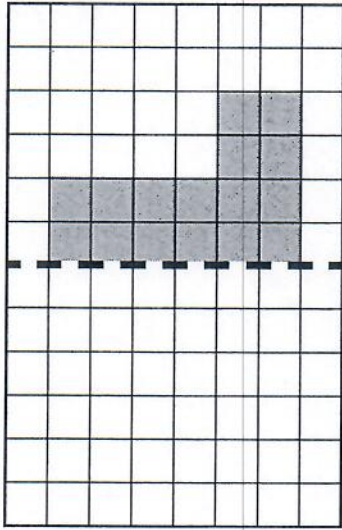
Draw the shapes in their new positions after being reflected over the mirror line.





# Drawing Reflected Shapes

Draw the shapes in their new positions after being reflected over the mirror line.



A1.  $\frac{1}{3}$  of 24

A2.  $\frac{2}{3}$  of 21

A3.  $\frac{2}{3}$  of 18

A4.  $\frac{2}{3}$  of 6

A5.  $\frac{1}{3}$  of 21

A6.  $\frac{1}{3}$  of 48

B1.  $\frac{1}{3}$  of 15

B2.  $\frac{2}{3}$  of 24

B3.  $\frac{2}{3}$  of 48

B4.  $\frac{1}{3}$  of 12

B5.  $\frac{2}{3}$  of 9

B6.  $\frac{2}{3}$  of 54

C1.  $\frac{1}{3}$  of 9

C2.  $\frac{2}{3}$  of 30

C3.  $\frac{1}{3}$  of 27

C4.  $\frac{2}{3}$  of 6

C5.  $\frac{1}{3}$  of 9

C6.  $\frac{1}{3}$  of 54

- A1.  $22\frac{2}{5}$  as a mixed number
- A2.  $11\frac{1}{7}$  as a mixed number
- A3.  $12\frac{1}{5}$  as a mixed number
- A4.  $2\frac{1}{5}$  as an improper fraction
- A5.  $10\frac{2}{7}$  as an improper fraction
- A6.  $4\frac{8}{9}$  as an improper fraction

- B1.  $10\frac{2}{5}$  as an improper fraction
- B2.  $55\frac{5}{6}$  as a mixed number
- B3.  $25\frac{1}{4}$  as a mixed number
- B4.  $15\frac{1}{2}$  as a mixed number
- B5.  $16\frac{1}{4}$  as an improper fraction
- B6.  $3\frac{3}{4}$  as an improper fraction

- C1.  $11\frac{1}{2}$  as a mixed number
- C2.  $24\frac{4}{7}$  as an improper fraction
- C3.  $25\frac{1}{2}$  as a mixed number
- C4.  $19\frac{1}{3}$  as a mixed number
- C5.  $13\frac{1}{3}$  as an improper fraction
- C6.  $8\frac{8}{9}$  as an improper fraction

A1.  $85 \div 5$

A2.  $132 \div 6$

A3.  $141 \div 3$

A4.  $39 \div 3$

A5.  $336 \div 8$

A6.  $120 \div 6$

A7.  $168 \div 8$

A8.  $240 \div 5$

A9.  $75 \div 3$

A10.  $228 \div 6$

B1.  $171 \div 9$

B2.  $176 \div 4$

B3.  $205 \div 5$

B4.  $124 \div 4$

B5.  $308 \div 7$

B6.  $306 \div 9$

B7.  $126 \div 6$

B8.  $252 \div 7$

B9.  $111 \div 3$

B10.  $288 \div 9$

C1.  $168 \div 8$

C2.  $88 \div 2$

C3.  $68 \div 2$

C4.  $60 \div 5$

C5.  $288 \div 9$

C6.  $192 \div 6$

C7.  $168 \div 8$

C8.  $39 \div 3$

C9.  $259 \div 7$

C10.  $174 \div 6$

A1.  $667 \times 47$

A2.  $23 \times 790$

A3.  $125 \times 94$

A4.  $369 \times 93$

A5.  $26 \times 254$

A6.  $118 \times 46$

A7.  $29 \times 604$

A8.  $471 \times 92$

A9.  $345 \times 88$

A10.  $97 \times 815$

B1.  $34 \times 887$

B2.  $94 \times 212$

B3.  $64 \times 521$

B4.  $50 \times 424$

B5.  $25 \times 941$

B6.  $59 \times 474$

B7.  $97 \times 884$

B8.  $51 \times 801$

B9.  $43 \times 338$

B10.  $587 \times 91$

C1.  $21 \times 354$

C2.  $68 \times 547$

C3.  $397 \times 46$

C4.  $320 \times 47$

C5.  $98 \times 190$

C6.  $28 \times 149$

C7.  $46 \times 533$

C8.  $55 \times 749$

C9.  $480 \times 66$

C10.  $73 \times 393$

A1. 5631 - 1157

A2. 7258 - 6583

A3. 6259 - 1541

A4. 7613 - 1802

A5. 6504 - 3716

A6. 9886 - 3636

A7. 8128 - 2037

A8. 5596 - 2038

A9. 6241 - 3491

A10. 9418 - 9163

B1. 8646 - 3058

B2. 5697 - 4562

B3. 8392 - 5746

B4. 5892 - 3125

B5. 5841 - 3917

B6. 3918 - 3743

B7. 8864 - 3372

B8. 7364 - 2317

B9. 3764 - 1129

B10. 5567 - 2162

C1. 5421 - 4534

C2. 8232 - 7617

C3. 9948 - 3363

C4. 3807 - 2833

C5. 9379 - 1195

C6. 9917 - 7692

C7. 8191 - 1878

C8. 5983 - 1867

C9. 9921 - 3856

C10. 8118 - 6935

A1.  $39 + 215$

A2.  $672 + 82$

A3.  $303 + 88$

A4.  $52 + 523$

A5.  $979 + 52$

B1.  $6987 + 2752$

B2.  $6633 + 9149$

B3.  $6158 + 9942$

B4.  $7522 + 2582$

B5.  $3744 + 3522$

C1.  $5027 + 5227$

C2.  $4966 + 6984$

C3.  $5103 + 4165$

C4.  $5651 + 3936$

C5.  $3804 + 1439$

A1.  $721 + 36$

A2.  $973 + 42$

A3.  $837 + 72$

A4.  $26 + 758$

A5.  $686 + 61$

B1.  $4709 + 9246$

B2.  $5311 + 6504$

B3.  $4553 + 4586$

B4.  $9729 + 4455$

B5.  $1110 + 6257$

C1.  $3879 + 1549$

C2.  $1985 + 1924$

C3.  $6847 + 8680$

C4.  $8760 + 7765$

C5.  $2360 + 9508$

1

mark

2

mark

3

mark

Total for this page

4

1 mark

LD

mark

2

mark

Total for this page

7

$$6173 - 366 =$$

1 mark

8

$$6 \times 7 =$$

1 mark

9

$$5 \times 7 \times 3 =$$

1 mark

10

$$462 \times 8 =$$

1 mark

11

$$3.4 + 0.9 =$$

1 mark

12

$$45 \div 10 =$$

1 mark

$$13 \frac{1}{3} \text{ of } 15 =$$

A large grid of graph paper with a 10x10 grid of squares. The top-left corner of the grid is shaded gray.

1 mark

$$14 \quad 82\,675 + 5278 =$$

[illegible]

mark

$$15 \quad 50\,000 - 600 =$$

[illegible]

mark

**Total for this issue**

$$16 \quad 826\,775 - 83\,592 =$$

[illegible]

mark

172

[illegible]

mark

$18 \times 70 = 1260$

[illegible]

—

19

$$720 \div 9 =$$

1 mark

20

$$1.2 \times 1000 =$$

1 mark

21

$$\frac{3}{4} + \frac{1}{8} =$$

1 mark

22

$$\frac{7}{10} - \frac{1}{5} =$$

1 mark

23

$$\frac{1}{2} \times 6 =$$

1 mark

24

$$5.6 + 1.57 =$$

1 mark

$728 \times 15 =$

25

**2 marks**

$$396 \div 6 =$$

27

1

$$5735 \times 26 =$$

26

2 marks

$$8729 \div 7 =$$

28

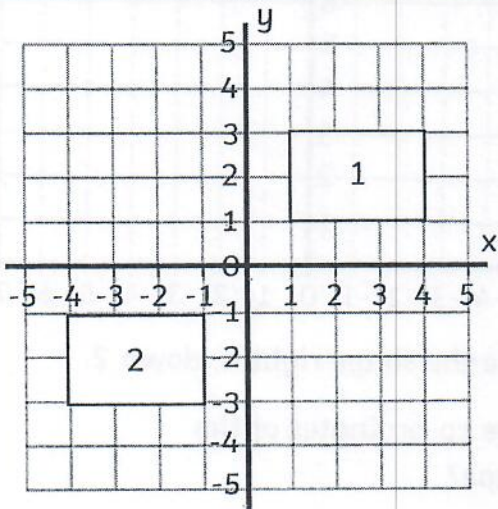
1



# 2D Shape Translations

I can describe the translation of a 2D shape on a four-quadrant co-ordinate grid.

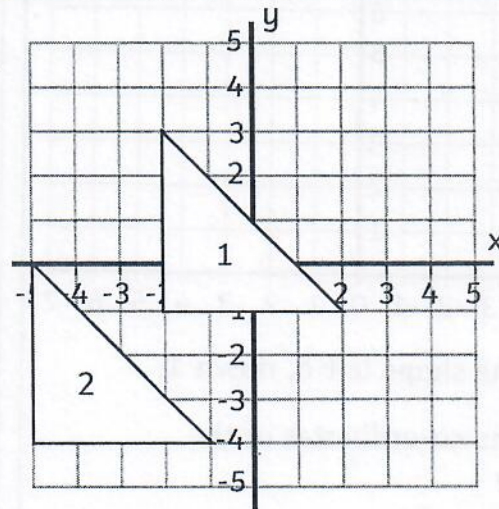
Describe the positions and translations of the 2D shapes.



Starting co-ordinates:

Translation:

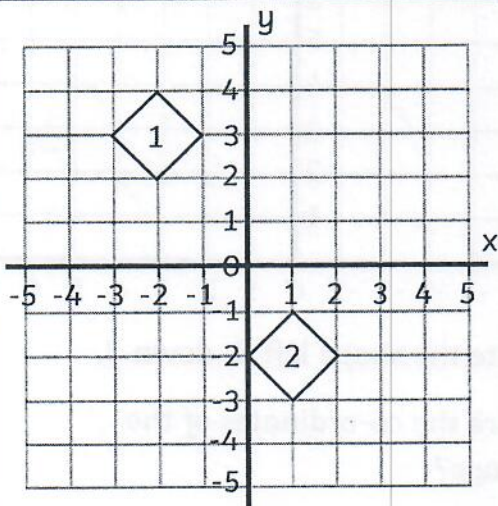
Finishing co-ordinates:



Starting co-ordinates:

Translation:

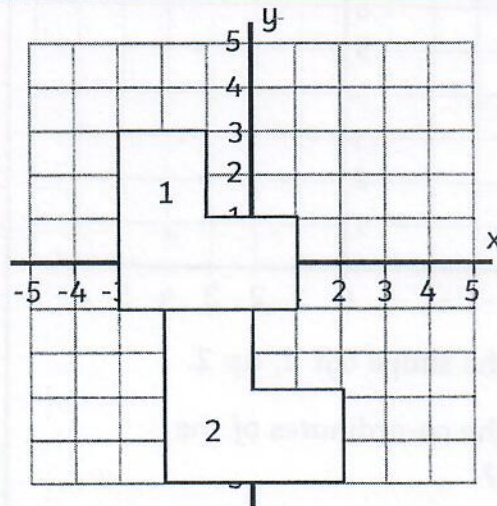
Finishing co-ordinates:



Starting co-ordinates:

Translation:

Finishing co-ordinates:



Starting co-ordinates:

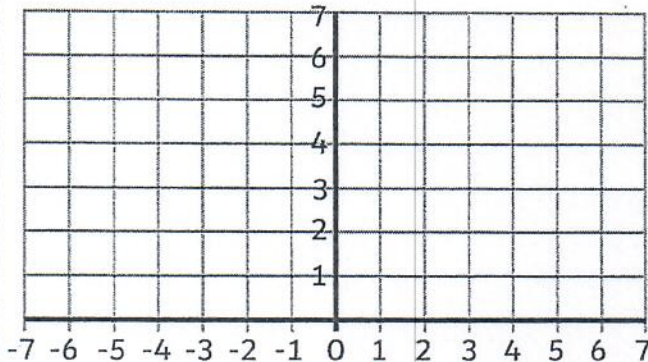
Translation:

Finishing co-ordinates:

## 2D Shape Translations

Plot the following co-ordinates and following the translations to reveal a new shape.

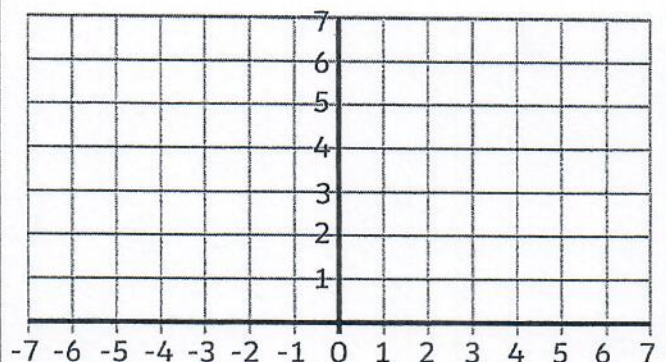
Plot these co-ordinates to reveal a shape:  
(0,1), (2,1), (2,3), (0,3)



Translate the shape left 6, down 1.

What are the co-ordinates of the new shape?

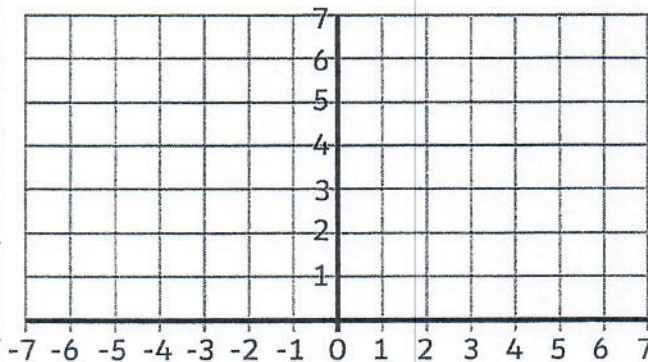
Plot these co-ordinates to reveal a shape:  
(-2, 3), (-1, 5), (-3, 5)



Translate the shape right 4, down 2.

What are co-ordinates of the new shape?

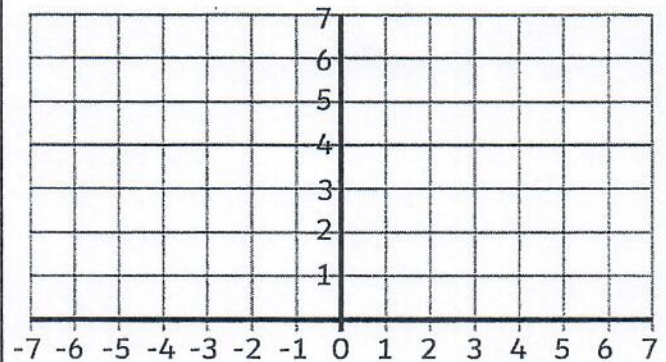
Plot these co-ordinates to reveal a shape:  
(1,1), (3,1), (1,3)



Translate the shape left 2, up 2.

What are the co-ordinates of the new shape?

Plot these co-ordinates to reveal a shape:  
(3, 3), (4,4), (3,5), (2, 4)



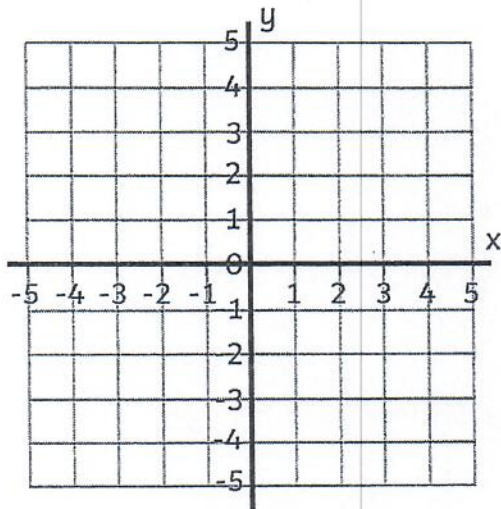
Translate the shape left 3, down 3.

What are the co-ordinates of the new shape?

## 2D Shape Translations

Plot the following co-ordinates and following the translations to reveal a new shape.

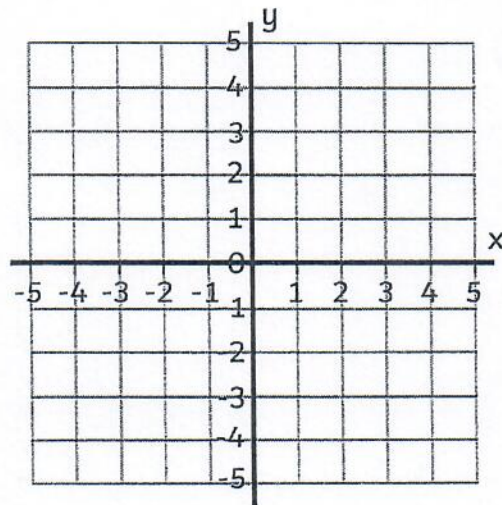
Plot these co-ordinates to reveal a shape:  $(-3, -1)$ ,  $(-3, -2)$ ,  $(1, -1)$ ,  $(1, -2)$



Translate the shape right 3, up 3.

What are the co-ordinates of the new shape?

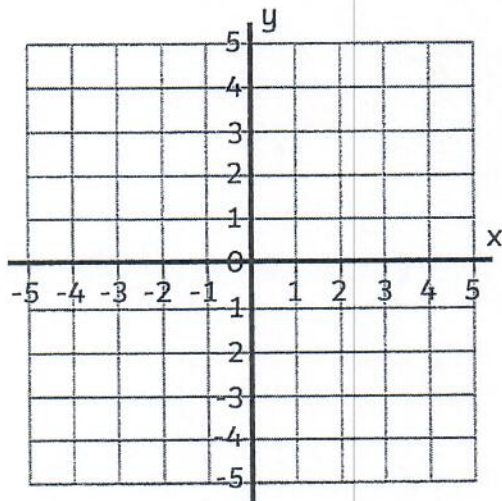
Plot these co-ordinates to reveal a shape:  $(2, 1)$ ,  $(4, 1)$ ,  $(0, -3)$ ,  $(0, -1)$



Translate the shape left 4, up 1.

What are the co-ordinates of the new shape?

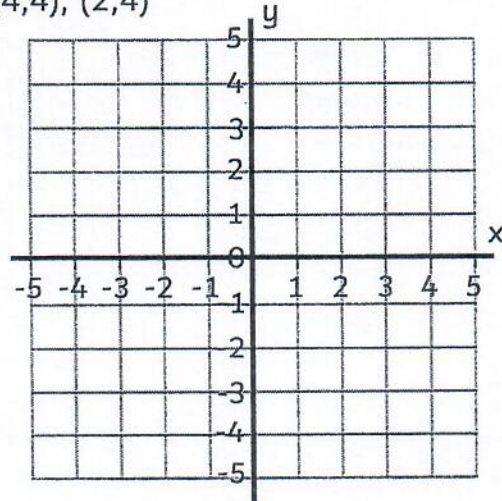
Plot these co-ordinates to reveal a shape:  $(-2, 4)$ ,  $(-4, -3)$ ,  $(0, -3)$



Translate the shape right 4, down 2.

What are the co-ordinates of the new shape?

Plot these co-ordinates to reveal a shape:  $(2, 1)$ ,  $(3, 1)$ ,  $(3, 3)$ ,  $(4, 3)$ ,  $(4, 4)$ ,  $(2, 4)$



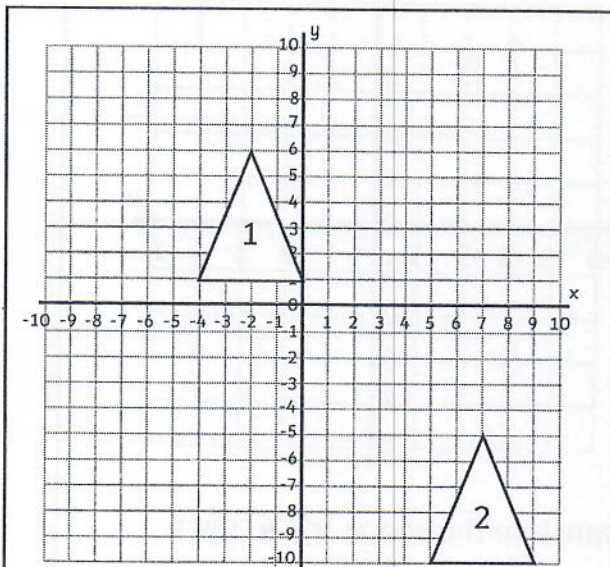
Translate the shape left 3, down 4.

What are the co-ordinates of the new shape?

# 2D Shape Translations

I can describe the translation of a 2D shape on a four-quadrant co-ordinate grid.

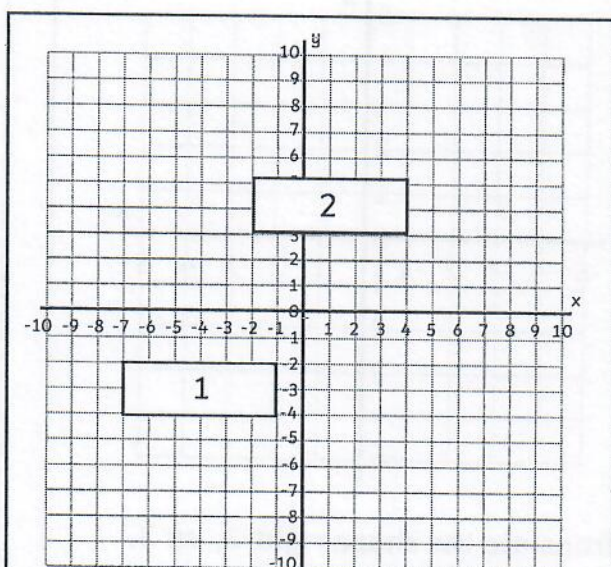
Describe the positions and translations of the 2D shapes.



Starting co-ordinates:

Translation:

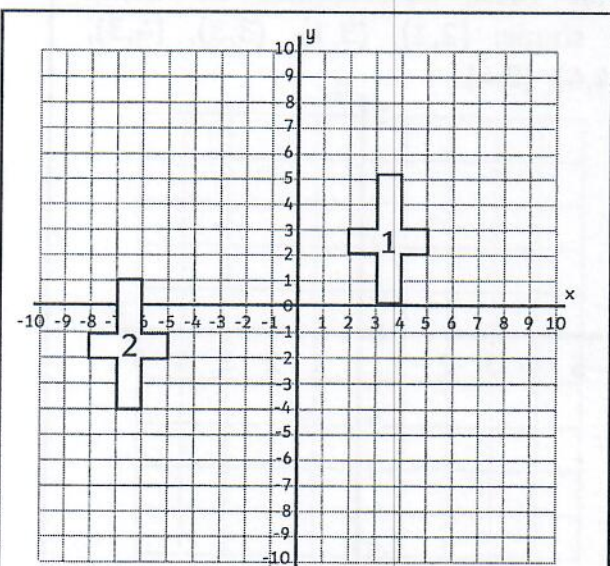
Finishing co-ordinates:



Starting co-ordinates:

Translation:

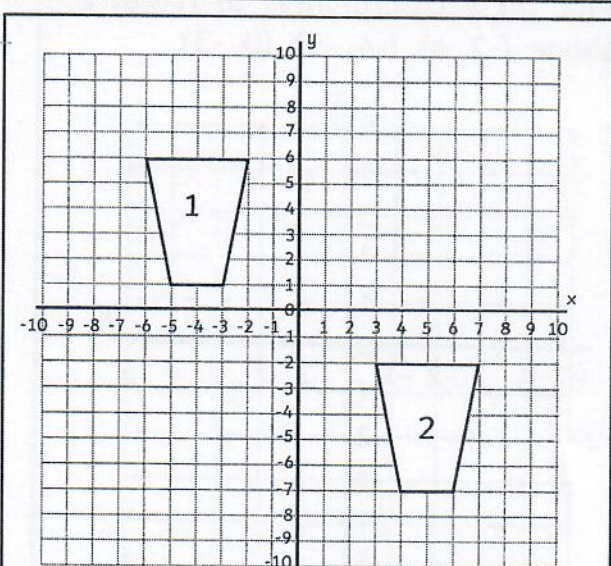
Finishing co-ordinates:



Starting co-ordinates:

Translation:

Finishing co-ordinates:



Starting co-ordinates:

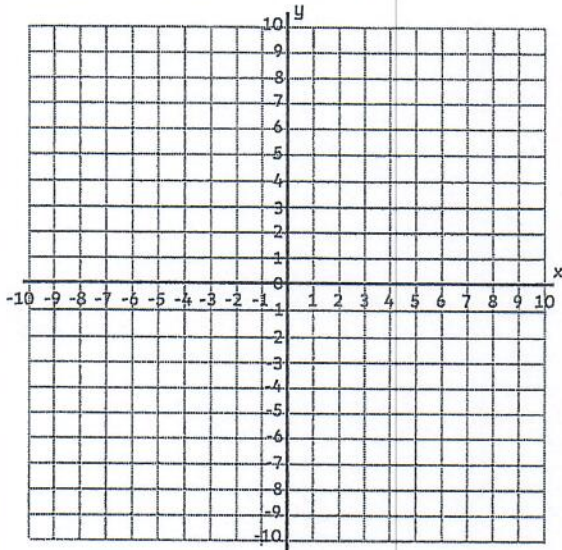
Translation:

Finishing co-ordinates:

## 2D Shape Translations

Plot the following co-ordinates and following the translations to reveal a new shape.

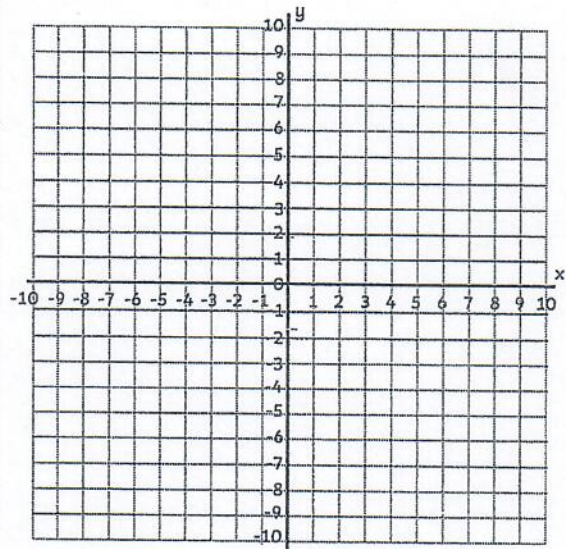
Plot these co-ordinates to reveal a shape:  $(-8, -5)$ ,  $(-4, -5)$ ,  $(-4, -3)$ ,  $(-6, -3)$ ,  $(-6, 3)$ ,  $(-8, 3)$



Translate the shape right 3, down 2.

What are the co-ordinates of the new shape?

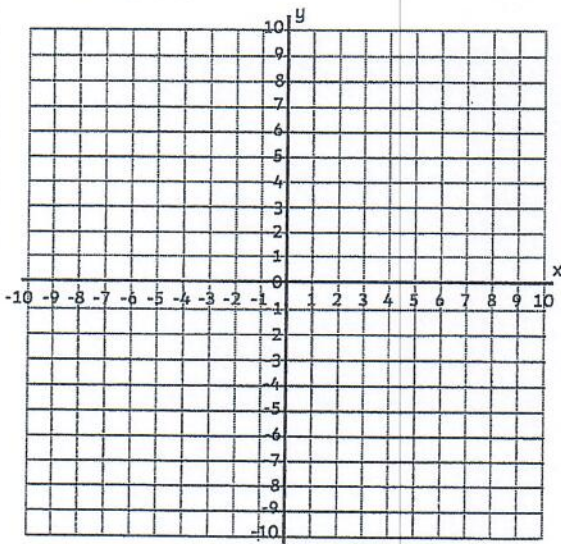
Plot these co-ordinates to reveal a shape:  $(-2, -6)$ ,  $(-5, -2)$ ,  $(-8, -6)$ ,  $(-5, -10)$



Translate the shape right 6, up 9.

What are the co-ordinates of the new shape?

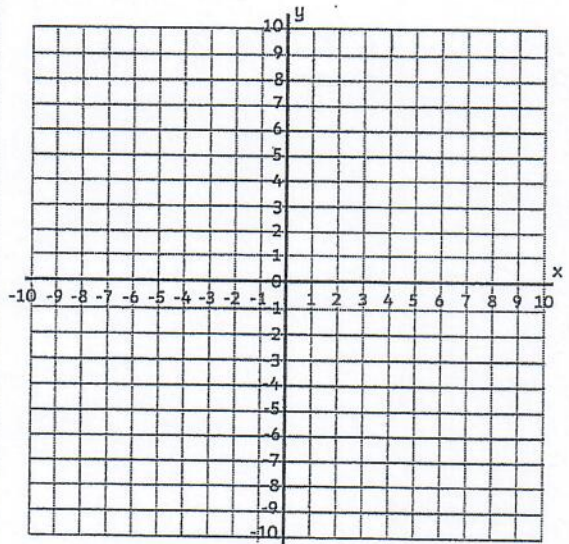
Plot these co-ordinates to reveal a shape:  $(5, 3)$ ,  $(8, 3)$ ,  $(9, 5)$ ,  $(8, 7)$ ,  $(5, 7)$ ,  $(4, 5)$



Translate the shape left 9, down 5.

What are the co-ordinates of the new shape?

Plot these co-ordinates to reveal a shape:  $(-3, -1)$ ,  $(-5, 2)$ ,  $(-7, 5)$ ,  $(-3, 5)$ ,  $(-7, -1)$



Translate the shape left 3, up 5.

What are the co-ordinates of the new shape?