

# Homework 10

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Hand in: \_\_\_\_\_

Do not use a calculator for questions 1-6. You must show all your working out where the question number is **underlined**. For these questions stating an answer without showing a written method will not score a mark.

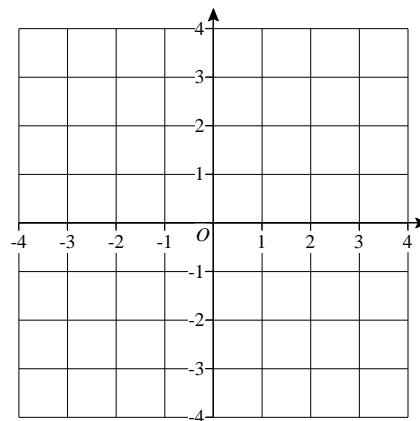
<p><b><u>1.</u></b> Add the following numbers together; 0.23, 1.02 and 3.7</p>	<p><b><u>2.</u></b> Find the difference between the following numbers; 10 and 7.45</p>
<p><b><u>3.</u></b> <math>32 \times 21 =</math></p>	<p><b><u>4.</u></b> <math>357 \div 5 =</math></p>

**5.**  $\frac{3}{8}$  of an amount is 15.  
What is the amount?

**6.** Convert 254mm to metres.

**7.** Write 6.25pm using 24 hour clock notation.

**8.** Draw the line  $x = -2$  on the axes.



**9.** Increase 560 by 45%

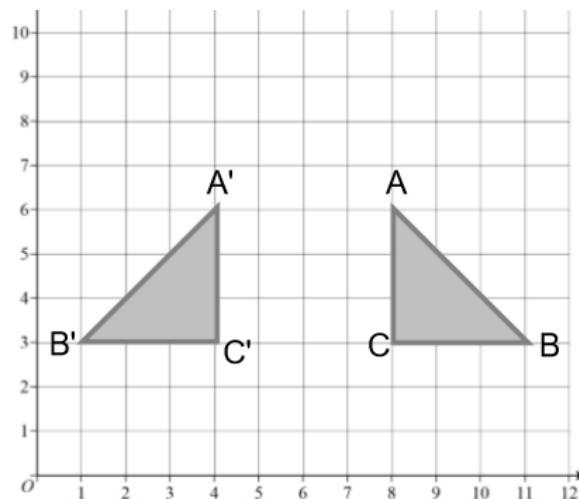
**10.** Write 72% as a fraction in its simplest form.

## Gold:

An object is 3cm from a mirror. What is the distance between the object and the image?

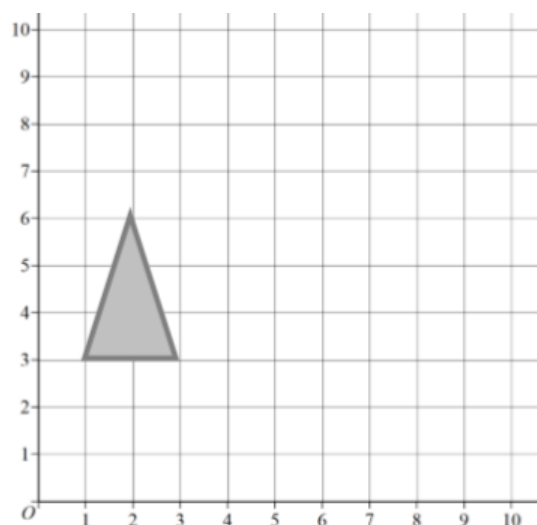
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Identify the object and the image on the diagram below.  
Draw in the mirror line and write down its equation.

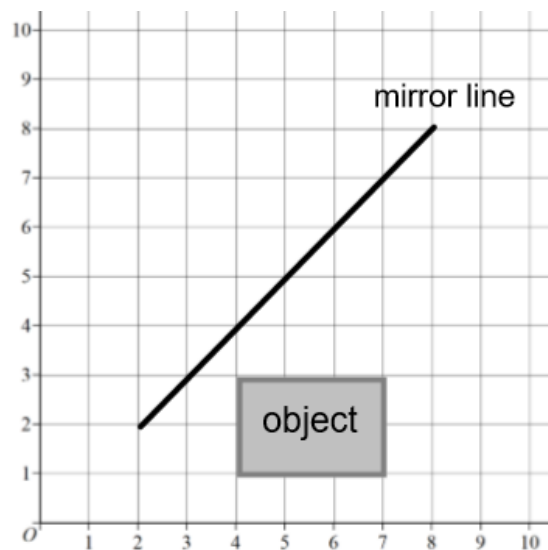


## Silver:

Rotate the shape  $90^\circ$  clockwise about (1,2)



Reflect the object in the mirror line shown



## Bronze:

Draw the image on the grid:

