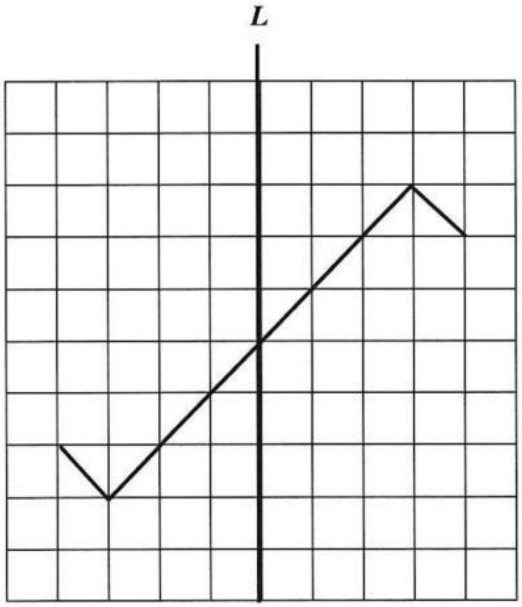
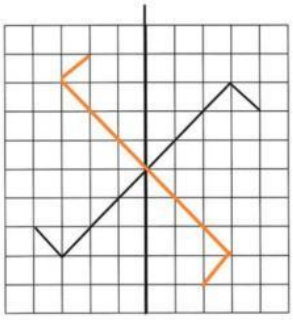
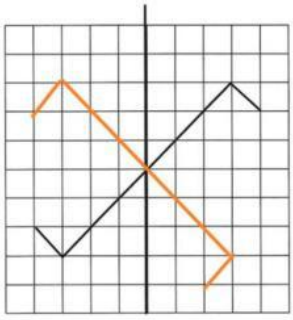
2. Complete the diagram so that it is symmetrical about the line ***L***.



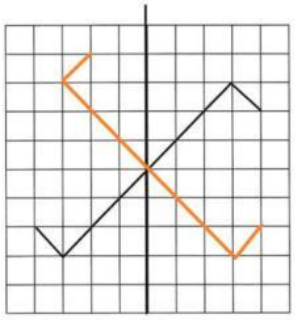
[2]



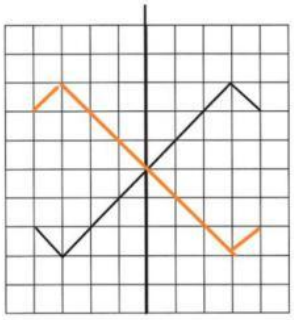
Option A



Option B



Option C



Option D

2. (a) Write 72 as a product of its prime factors.

Answer: _____ [2]

(b) Express your answer in (a) in index form.

Answer: _____ [1]

2. Evaluate

$\sqrt[3]{216} + 2^4$

+ =

Answer: _____ [3]

2. {20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30}

From the set of numbers above,

(a) find the product of the prime numbers,

Answer: × = _____ [2]

LIVEWORKSHEETS

(b) find the sum of the multiples of seven.

+ =

Answer: _____ [2]

2. Kevin can buy 8 erasers for \$2.16.

Work out the cost of 10 of these erasers.

1 Eraser costs \$

8 Erasers cost \$

Answer: \$ _____ [2]

2. Showing all working, evaluate

$20 \div 4 \times 3 - 2^3$

Answer: _____ [3]

2. Write the following ratios in their simplest form:

(a) 144 : 360

Answer: _____ [1]

(b) $\frac{7}{8} : \frac{11}{4}$

Answer: _____ [1]

(c) 68 g : 1.9 kg

Answer: _____ [1]

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