

Name: _____

5-a-day

Foundation Plus

26th June



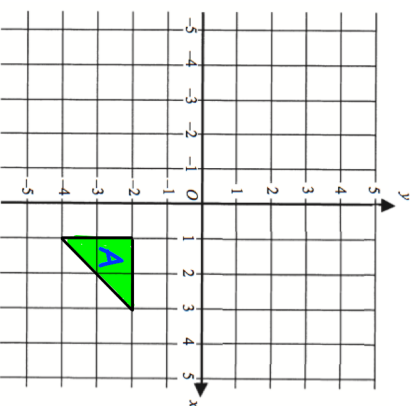
Corbettmaths

$E = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12\}$

$A = \{\text{numbers less than } 8\}$

$B = \{\text{prime numbers}\}$

Draw a Venn diagram for this information.



Enlarge triangle A by scale factor $\frac{1}{2}$, using centre of enlargement $(-3, 0)$.

Trains to Portadown leave a train station every 32 minutes.
Trains to Portrush leave a train station every 28 minutes
A train to Portadown and a train to Portrush both leave the train station at 8am.

When will a train to Portadown and a train to Portrush both leave the train station at the same time?

David buys 2 DVDs and 2 CDs in a shop and in total they cost £32.
Elle buys 3 DVDs and 2 CDs in the same shop and they cost £43.

Form two equations and solve to find the cost of each DVD and each CD.



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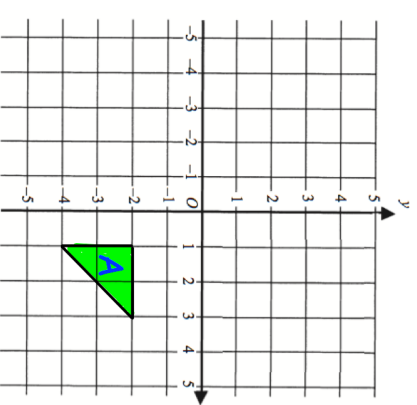
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