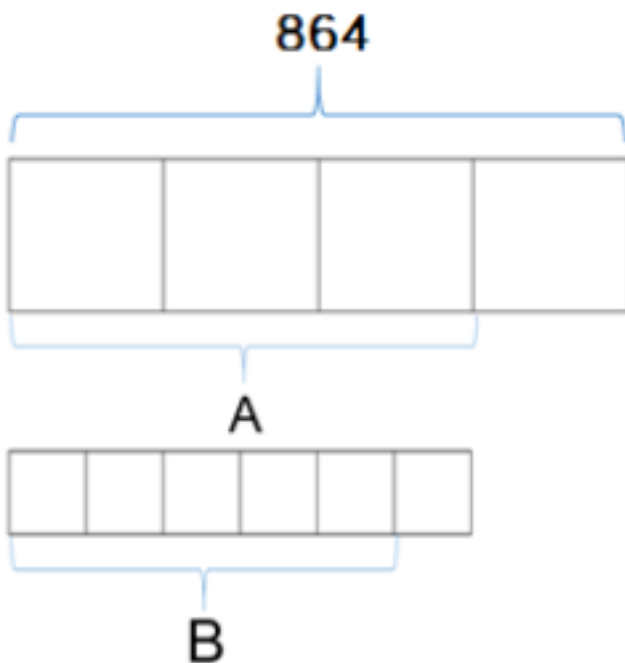


Y6 Fractions of Amounts ~ Problem Solving ANSWERS

What is the value of A?
What is the value of B?



$$A = 648; B = 540$$

Two fashion designers receive $\frac{3}{8}$ of 208 m of materials.

One of them says:



We each receive 26 m

Is she correct?

Explain your reasoning

She is incorrect because 26 is only one eighth of 208. She needs to multiply her answer by 3 so that they each get 78m each.

$\frac{1}{5}$ of £80 is equal to $\frac{2}{5}$ of £160

TRUE OR FALSE?

False: $\frac{1}{5}$ of £80 = £16 and $\frac{2}{5}$ of £160 = £64

One-half of a red pencil and one-third a yellow pencil are the same length. The full length of the red pencil is 10cm. What is the full length of the yellow pencil?

The full length of the yellow pencil = 15cm

The red pencil is two-fifths the length of a book. What is the length of the book?

Red pencil = 10cm. The length of the book = 25cm