

1*) Here is Brad's bedroom. He wants to wallpaper all of his bedroom. A roll of 6m wallpaper costs £3.99. How many rolls of wallpaper will Brad need to cover the walls?

Quick Wits 9 - foundation

3) Solve the following equations

a) $8x = 96$

b) $4x + 9 = 45$

c) $3(x + 6) = 45$

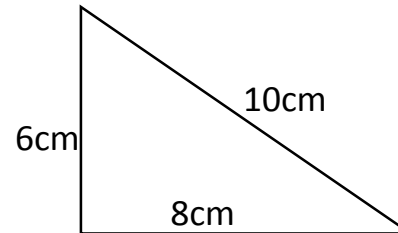
d) $3x + 20 = 6x - 10$

2*) Emily is organising a trip to a theme park.

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|---|---|
| <u>Theme Park Tickets</u> £45 per ticket Or Group booking offer of $\frac{1}{5}$ off for bookings over 15 people | <u>Train Tickets</u> Price = £12 per person Or Saver ticket of £24 for four people |
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Emily has £800 to spend. She wants to book 12 theme park tickets and 12 train tickets. Does Emily have enough money?

4*) Use Pythagoras theorem to explain why triangle A must be a right angle.



5*) Cape Point is 7.5km east and 4.8km north of Arton. Calculate the direct distance from Arton to Cape Point.

