Perimeter problems - answers

1. Ruth has made a 22 cm square cake. What length of ribbon will she need to put around the outside?

   Correct answer: **88 cm** (22 + 22 + 22 + 22)

2. How much decorative material is needed for a 30 cm square cushion?

   Correct answer: **120 cm** (30 × 4)

3. Amina's patio is rectangular in shape and is 15 m × 12 m. Work out its perimeter.

   Correct answer: **54 m** (15 + 12 + 15 + 12)

4. Jamila is decorating a rectangular lampshade 32 cm × 35 cm. She wants to put some beading around the edge. What length of beading does she need?

   Correct answer: **134 cm** (32 + 35 + 32 + 35)

5. Linzi is decorating a room 6 m × 7 m.

   a. How much carpet tape will he need to go all the way around the edge of the room?

      Correct answer: **26 m**

   b. A picture rail needs to go around the room, excluding a window 2 m wide. To work out the length of rail he needs, does he just have to add the two lengths and two widths together?

      Correct answer: **no - he'll need to do that and then subtract 2 m for the window**..