

Percentages – Missing Values

1. Match the calculations to the correct amounts below.

30% of 150

81

70% of 560

144

30% of 270

45

45% of 320

392

VF

4. Isa is playing a board game, collecting the largest amount of money. He can either take card A or B or risk taking card C. He decides to take card C.

Card A:

95% of
£80

Card B:

60% of
£210

Card C:

30% of
.....

Card C is less than Card B, but more than Card A. What could the missing number be?

R

2. Find each of the percentages below.

A. 45% of 220 =

B. 35% of 340 =

C. 80% of 280 =

VF

5. Zara has been calculating a percentage of an amount.

She says,



I can find 95% of an amount by finding 5% and adding this to the amount.

Is she correct? Convince me.

R

3. Use $<$, $>$ or $=$ to complete the comparison statement.

A. 80% of 130 55% of 80

B. 15% of 860 35% of 400

C. 45% of 1,000 90% of 500

VF

6. Complete the statement using one percentage and one number to reach the target number. Find two solutions.

75%

40%

90%

35%

15%

90

140

120

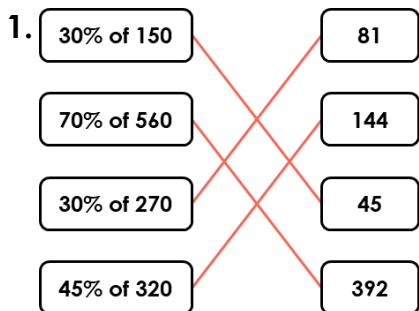
50

60

_____ of _____ is 45.

PS

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2. A. 99; B. 119; C. 224

3. A. >; B. <; C. =

4. 95% of £80 equals £76 and 60% of £210 is £126. Various answers, for example: 30% of £300 (£90).

5. Zara is incorrect. If she finds 5% and adds this to the amount, she will have a number larger than her original amount. To find 95% of an amount, she can find 5% and subtract this from the original amount.

6. 15% of 300; 75% of 60