

Investigation

Percentage puzzles

- Find 10% of £40.
Find 40% of £10.
Compare these amounts.
- Find 20% of £60.
Find 60% of £20.
Compare these amounts.
- Find 15% of £50.
Find 50% of £15.

Discuss what you have noticed.
Can you explain this?

Find the matching question for each of these:

25% of £40
? % of £?

30% of £90
? % of £?

5% of £50
? % of £?

Challenge

A shopkeeper has some coats he wants to sell. He can give each coat a price anywhere between £30 and £100 but he must make sure he sells each coat for at least £40. If he wants it to look good, what is the best way of advertising a percentage reduction?