Solving word problems (7)

Solve word problems and reason mathematically

Challenge 1

Write in the missing sign.

a $4 \bigstar 6 = 24$ b $32 \bigstar 8 = 4$ c $30 = 6 \bigstar 5$ d $6 \bigstar 8 = 14$
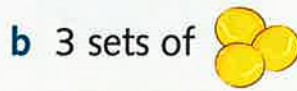
e $72 = 9 \bigstar 8$ f $29 \bigstar 8 = 21$ g $15 \bigstar 3 = 12$ h $88 \bigstar 11 = 8$

Challenge 2

Write how much it would cost to buy:

a 2 🥏 b 3 sets of 🎾

c 2 sets of ⫴ (stumps) d 2 🧤 and 1 ⚾

e 3 🏑 f 4 ⚽

£43 £28 £12 £27 £18 £35 £38

Challenge 3

Answer these questions about the sports equipment in Challenge 2.

1 The school buys 30 hockey sticks. How much do they spend?

2 What is the difference in cost between a football and a basketball?

3 What is the cost of 5 sets of tennis balls?

4 Tennis balls are sold in packs of 3. How much would 1 tennis ball cost?

5 The sports shop has sold out of tennis racquets. Tennis racquets cost 4 times more than a set of tennis balls. What is the cost of a tennis racquet?

6 How much do 8 basketballs cost?

7 Jay has £100 to spend. Can he buy 3 basketballs? Explain why or why not.