

PROBLEM 13

What is the difference between £456 and 324?

Divide 3400 in the ratio 5 : 12

Work out 345×15

28775 tickets are sold for a football match.

A child's ticket costs £15

The ratio of children to adults is 9 : 16

If the total ticket sales are £615785, what is the difference between the price of an adult and the price of a child's ticket?

PROBLEM 13

What is the difference between
£456 and 324? **£132**

Divide 3400 in the ratio 5 : 12
1000 , 2400

Work out 345×15
5171

28775 tickets are sold for a football match.

A child's ticket costs £15

The ratio of children to adults is 9 : 16

If the total ticket sales are £615785, what is the difference between the price of an adult and the price of a child's ticket?

Children : Adults

10359 : 18416

Child ticket sales = $10359 \times 15 = £155385$

Adult ticket sales = $£615785 - £155385 = £460400$

Price of an adult ticket = $£460400 \div 18416 = £25$