

Direct Proportion



1



5 pens cost the same as 2 notebooks.
8 pens cost £10.08. How much does one notebook cost?

Answer

2



A 3.5 m piece and a 5.5 m piece of the same wire weigh 1.62 kg altogether.
How much does the longer piece weigh?

Answer

3



4 m of a fabric costs £9.80 more than 2.6 m of the same fabric.
How much does 5 m of the fabric cost?

Answer

4



A train travels 135 km in 1 hour 30 minutes. At the same speed, how long does it take to travel 210 km?

Answer

5



Pack A has 6 cans of 330 ml for £3.60.
Pack B has 4 bottles of 500 ml for £4.40. Which pack is better value?

Answer

6



Ann packs 45 boxes in 30 minutes.
Ben packs 60 boxes in 48 minutes.
Working together at these rates, how long do they take to pack 330 boxes?

Answer

7



A smoothie recipe for 2 people uses 150 ml of milk, 1 banana and 90 g of strawberries. Kai has 1 litre of milk, 8 bananas and 500 g of strawberries. He makes smoothies for as many people as he can. How much milk is left?

Answer

8



A printer uses 3 ink cartridges to print 1800 pages. A cartridge costs £14.50. A school prints 150 pages a day for 190 days. How much does the school spend on cartridges?

Answer
