

Name _____ Date _____

LI: To solve problems involving fractions, percentages and decimals.***

1. If 1200 people go to a football match and 54% leave at half time, how many people are left in the ground for the second half?

2. James Bond rescues the Queen, and saves £2,000,000 in gold bars. As a reward the Queen gives him 16% of the gold. How much has he been given in pounds?

3. An Aston Martin Vanquish costs £190,000. If I have to pay VAT (Value Added Tax) on top of this it will cost me 17.5% more! How much money am I paying in tax?

4. Katie has 348 gel pens. She gives $\frac{3}{4}$ of them away. How many does she give away?

5. Rhia has 10 packets of 20 biscuits. She puts three tenths of them on a plate. How many biscuits are on the plate?

6. Mustafa buys 65 sweets. He eats $\frac{4}{5}$ of them. How many does he have left?

7. Ryan cuts a piece of string into three lengths. One is 4.26cm long, one is 7.54cm long and the third is 3.90cm long. How long was the string before it was cut?

8. Mareh joins four lengths of wood together. One is 17.41cm long, one is 23.29cm long, one is 16.71cm long and the fourth is 21.97cm long. How long is that altogether?

9. I have three bags of sweets. One weighs 64.17g, one weighs 58.29g and the third weighs 68.47g. How much do they weigh altogether?

Name _____ Date _____

10. In a school one corridor is 11.67m long, another is 14.24m long and the longest is 18.51m long. What is the sum of all their lengths?

11. If three people went for a haircut and it was £6.45 for each of them. How much would it cost altogether?

12. *Bus Fares: Child single = 50p. Child return = 79p. Adult single = 80p. Adult return = £1.02.*
If I go to town 5 times a year and buy 5 child return tickets, how much will I spend?

13. To see JLS costs £30.95. How much do I pay for 3 people?

14. If two men worked on a car for 3 hours. The one man's labour is £5.50 per hour, the other man's £3.50 per hour. What is the total bill for labour?

Name _____ Date _____

LI: To solve problems involving fractions, percentages and decimals.**

1. If 1200 people go to a football match and 60% leave at half time, how many people are left in the ground for the second half?

2. James Bond rescues the Queen, and saves £1,000,000 in gold bars. As a reward the Queen gives him 15% of the gold. How much has he been given in pounds?

3. An Aston Martin Vanquish costs £100,000. If I have to pay VAT (Value Added Tax) on top of this it will cost me 17% more! How much money am I paying in tax?

4. Katie has 340 gel pens. She gives $\frac{3}{4}$ of them away. How many does she give away?

5. Rhia has 5 packets of 10 biscuits. She puts three tenths of them on a plate. How many biscuits are on the plate?

6. Mustafa buys 60 sweets. He eats $\frac{4}{5}$ of them. How many does he have left?

7. Ryan cuts a piece of string into three lengths. One is 4.2cm long, one is 7.5cm long and the third is 3.9cm long. How long was the string before it was cut?

8. Mareh joins four lengths of wood together. One is 17.45cm long, one is 23.25cm long, one is 16.7cm long and the fourth is 21.97cm long. How long is that altogether?

9. I have three bags of sweets. One weighs 64.1g, one weighs 58.29g and the third weighs 68.4g. How much do they weigh altogether?

Name _____ Date _____

10. In a school one corridor is 11m long, another is 14.2m long and the longest is 18.5m long. What is the sum of all their heights?

11. If three people went for a haircut and it was £5.50 for each of them. How much would it cost altogether?

12. *Bus Fares: Child single = 50p. Child return = 75p. Adult single = 80p. Adult return = £1.05.* If I go to town 5 times a year and buy 5 child return tickets, how much will I spend?

13. To see JLS costs £30.50. How much do I pay for 3 people?

14. If two men worked on a car for 3 hours. The one man's labour is £5 per hour, the other man's £3.50 per hour. What is the total bill for labour?

Name _____ Date _____

LI: To solve problems involving fractions, percentages and decimals.*

1. If 1200 people go to a football match and 50% leave at half time, how many people are left in the ground for the second half?

2. James Bond rescues the Queen, and saves £1,000,000 in gold bars. As a reward the Queen gives him 10% of the gold. How much has he been given in pounds?

3. An Aston Martin Vanquish costs £100,000. If I have to pay VAT (Value Added Tax) on top of this it will cost me 15% more! How much money am I paying in tax?

4. Katie has 300 gel pens. She gives $\frac{3}{4}$ of them away. How many does she give away?

5. Rhia has 10 packets of 10 biscuits. She puts three tenths of them on a plate. How many biscuits are on the plate?

6. Mustafa buys 50 sweets. He eats $\frac{4}{5}$ of them. How many does he have left?

7. Ryan cuts a piece of string into three lengths. One is 4cm long, one is 7.5cm long and the third is 3.1cm long. How long was the string before it was cut?

8. Mareh joins four lengths of wood together. One is 17.5cm long, one is 23.5cm long, one is 16.2cm long and the fourth is 21.1cm long. How long is that altogether?

9. I have three bags of sweets. One weighs 64g, one weighs 58.2g and the third weighs 68.4g. How much do they weigh altogether?

Name _____ Date _____

10. In a school one corridor is 11.2m long, another is 14.1m long and the longest is 18.5m long. What is the sum of all their lengths?

11. If three people went for a haircut and it was £5.50 for each of them. How much would it cost altogether?

12. *Bus Fares: Child single = 50p. Child return = 70p. Adult single = 80p. Adult return = £1.00.*
If I go to town 5 times a year and buy 5 child return tickets, how much will I spend?

13. To see JLS costs £30. How much do I pay for 4 people?

14. If two men worked on a car for 3 hours. The one man's labour is £5 per hour, the other man's £3 per hour. What is the total bill for labour?