Level 2 Fractions

Name _____   Date _____

1. Express 15 as a fraction of 25.

 15 is   of 25.

2. Express 4 as a fraction of 16.

 4 is   of 16.

3. What fraction of 60 is 10?

10 is   of 60.

4. Paul is a teacher and he earns £1800 a month. His friend Mark is a doctor and he earns £3600 a month. What fraction of his friend's salary does Paul earn?

5. Safuan shares £24 between his two sons. The older son gets £14 and the younger son gets £10. What sum of money, expressed as a fraction of £24, does each child get?

6. Linda, Susan and Phil go to the cafeteria. Linda drink a cup of tea which costs £3, Susan drinks a coffee which costs £4 and Phil a milkshake which costs £5. What fraction of the total payment does everyone to pay?

7. (Additional work)
   Jack calculates the houses expenses for one month.

Electricity	Gas	Water	Phone / TV	Council tax
£40	£60	£32	£44	£124

   a) What is the total of expenses?

   b) What is the fraction of every expense of the total sum?

Level 2 Fractions

Answers

1. Express 15 as a fraction of 25.

15 is 15/25 of 25.
15/25 = 3/5

2. Express 4 as a fraction of 16.

4 is 4/16 of 16.
4/16 = 1/4

3. What fraction of 60 is 10?

10 is 10/60 of 60.
10/60 = 1/6

4. Paul is a teacher and he earns £1800 a month. His friend Mark is a doctor and he earns £3600 a month. What fraction of his friend's salary does Paul earn?
1800/3600 = 18/36 = ½. Paul earns half of Mark's salary.

5. Safuan shares £24 between his two sons. The older son gets £14 and the younger son gets £10. What sum of money, expressed as a fraction of £24, does each child get?
The older son receives 14/24 = 7/12 of the money.
The younger son receives 10/24 = 5/12 of the money.

6. Linda, Susan and Phil go to the cafeteria. Linda drink a cup of tea which costs £3, Susan drinks a coffee which costs £4 and Phil a milkshake which costs £5.
What fraction of the total payment does everyone to pay?
Total payment = £12
Linda pays 3/12 = 1/4 of the total
Susan pays 4/12 = 1/3 of the total
Phil pays 5/12 of the total

7. (Additional work)
   Jack calculates the houses expenses for one month.

Electricity	Gas	Water	Phone / TV	Council tax
£40	£60	£32	£44	£124

a)   What is the total of expenses?
Total expenses = 40 + 60 + 32 + 44 + 124 = £300

b)   What is the fraction of every expense of the total sum?
Electricity = 40/300 = 4/30 = 2/15
Gas = 60/300 = 1/5
Water = 32/300 = 16/150 = 8/75
Phone/TV = 44/300 = 22/150 = 11/75
Council tax = 124/300 = 62/150 = 31/75