



Problems involving 'real life', money or measures

Whole class activity

The perimeter of the fence around the school playing field measures 210 metres. If the shape of the field is a rectangle and the widths are 28 metres each. How long is the field?

James is having a party for his birthday. His mum has made 72 sandwiches, 45 sausage rolls and 36 fairy cakes. After the party, a fifth of the sausage rolls are left, a quarter of the sandwiches are left and one third of the cakes are left. How much of each type of food was eaten?

If the exchange rate for £1 is 1.4 euros and 1.7 US dollars, how many pounds altogether does Alex have if he has 27.2 US dollars and 53.2 euros?

1. It is 5 miles from Sheila's house to school and 8 miles from school to where her mum works. How many miles in a week does Sheila's mum travel if she drops her daughter off at school each morning on her way to work and then picks her up after school to take her home?
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2. I think of a number, I double it then add 25. The answer is 81. What was my number?
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3. Each video in the library costs £1.05 to hire. If Jerry hires a video every day for a fortnight, how much money will he spend?
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4. Half of the flowers in Sheba's garden are yellow and half are white. If 47 are yellow, how many flowers does she have in her garden?
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5. Jill is buying some sugar for the school canteen, but she cannot put more than 10kg in her trolley. A bag of sugar weighs 2.2kg. How many bags of sugar could Jill fit in her trolley?
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6. Sasha went shopping in town and queued from 10.30 to 10.42 in the first shop, from 12.45 to 13.00 in the second shop and from 15.10 to 16.35 at the bus stop. How long altogether did she spend queuing?
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7. The school secretary works from 9 o'clock until 3 o'clock. In this time the phone rings 70 times. Two quarters of the calls are from parents. How many calls are not from parents?
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8. Tano has six shelves of books in his bedroom. Four of the shelves hold 12 books each and two of the shelves hold 27 books each. How many books does Tano have in his bedroom?



Problems involving 'real life', money or measures

1.

It is 7 miles from Sheila's house to school and 12 miles from school to where her mum works. How many miles in a week does Sheila's mum travel if she drops her daughter off at school each morning on her way to work and then picks her up after school to take her home?

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2.

I think of a number, I double it then add 45. The answer is 81. What was my number?

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3.

Each video in the library costs £1.25 to hire. If Jerry hires a video every day for a fortnight, how much money will he spend?

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4.

Half of the flowers in Sheba's garden are yellow and half are white. If 87 are yellow, how many flowers does she have in her garden?

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5.

Jill is buying some sugar for the school canteen, but she cannot put more than 25kg in her trolley. A bag of sugar weighs 2.2kg. How many bags of sugar could Jill fit in her trolley?

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6.

Sasha went shopping in town and queued from 10.30 to 10.47 in the first shop, from 12.45 to 13.07 in the second shop and from 15.11 to 16.36 at the bus stop. How long altogether did she spend queuing?

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7.

The school secretary works from 9 o'clock until 3 o'clock. In this time the phone rings 95 times. Two fifths of the calls are from parents. How many calls are not from parents?

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8.

Tano has six shelves of books in his bedroom. Four of the shelves hold 22 books each and two of the shelves hold 37 books each. How many books does Tano have in his bedroom?

1. It is 9 miles from Sheila's house to school and 15 miles from school to where her mum works. How many miles in a week does Sheila's mum travel if she drops her daughter off at school each morning on her way to work and then picks her up after school to take her home?
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2. I think of a number, I double it then add 75. The answer is 167. What was my number?
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3. Each video in the library costs £2.15 to hire. If Jerry hires a video every day for a fortnight, how much money will he spend?
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4. Half of the flowers in Sheba's garden are yellow and half are white. If 127 are yellow, how many flowers does she have in her garden?
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5. Jill is buying some sugar for the school canteen, but she cannot put more than 45kg in her trolley. A bag of sugar weighs 2.2kg. How many bags of sugar could Jill fit in her trolley?
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6. Sasha went shopping in town and queued from 10.30 to 10.51 in the first shop, from 12.45 to 13.17 in the second shop and from 15.11 to 16.56 at the bus stop. How long altogether did she spend queuing?
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7. The school secretary works from 9 o'clock until 3 o'clock. In this time the phone rings 105 times. Four fifths of the calls are from parents. How many calls are not from parents?
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8. Tano has six shelves of books in his bedroom. Four of the shelves hold 32 books each and two of the shelves hold 57 books each. How many books does Tano have in his bedroom?