

Multiplication Word Problems

1. A school organises a sponsored run for charity. They want to raise over £10,000 to help towards building a new library.

- 246 runners enter the race.
- Each runner gets sponsored £38



Will this be enough for the school to hit their target?



2. Mr Phillips needs to replace all 346 tiles on his roof.

- He has £4,765 in his bank account.
- The roofing shop charge £17 per tile.

Will he have enough to buy all the tiles he needs? If not, how much more will he need?

3. A cyclist plans to cycle down to Italy.

- He must cycle 2650 miles to Rome.
- He cycles 112 miles each day.



Will 24 days of riding be enough to get him to Rome?



4. A school want to take 93 children to watch a film at the cinema. 13 staff will be attending too.

- The cost of each ticket for each child will be £4.35.
- The cost of an adult ticket is £9.70

How much will it cost to take everyone?

5. The most a van driver can carry in his van is 1250Kgs.

- He loads 133 parcels onto his van.
- Each parcel weighs 9.55kg.

Is his van going to be overweight?





6. The organisers of a school fete need 2750 cans of drink to sell on their stall. The drinks come in packs of 24.

a. If they order 112 packs will they have the amount of cans they need?

b. Cans are sold for 55p. They sell all of the cans they have bought. How much money will they make?

7. A bakery needs 2800 litres of milk to make enough bread for tomorrow.

- A large carton of milk holds 23.5 litres.
- They order 123 cartons.



Will they have enough milk to make all the bread they need for tomorrow?

8. A theme park has 2834 visitors in a day. Tickets cost £37.

a. How much money will they make in a day?

b. If they sell the same amount of tickets every day in a week, how much money will they make?