

Practice 6 Solving Word Problems

1. Atiqah used 5 identical buckets of sand to make a sandcastle. Each bucket contained $\frac{3}{4}$ kg of sand. How much sand did Atiqah use altogether?

Atiqah used

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 kg of sand altogether.

2. Hayati jogged $1\frac{3}{4}$ km every day for a week. What was the total distance Hayati jogged that week?

Hayati jogged

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 km that week.

Working

3. A restaurant used $2\frac{4}{5}$ kg of potatoes to make 8 identical pies.
How much potato was used for each pie?

kg of potato was used for each pie.

4. Siti had 25 mangoes. She sold $\frac{3}{5}$ of them. How many mangoes did Siti sell?

Siti sold mangoes.

5. Razak had 18 marbles. He lost 6 of them.
- (a) What fraction of the marbles did he lose?
 - (b) What fraction of the marbles did he have left?

He lost of the marbles.

He had of the marbles left.

6. Osman bought $\frac{3}{5}$ kg of minced mutton. He divided the mutton into 6 equal portions.
- (a) Find the mass, in kilograms, of 1 portion of mutton.
 - (b) Find the total mass, in kilograms, of 4 portions of mutton.

The mass of 1 portion of mutton was kg.

The total mass of 4 portions of mutton was kg.

Working

7. There are 24 pupils in a class. $\frac{2}{3}$ of the pupils in the class are boys. How many pupils are girls?

pupils are girls.

8. Daud bought a plot of land with an area of $6\frac{2}{5}$ km². He divided the land equally into 8 small plots. What was the total area of 3 of the small plots of land?

The total area of 3 of the small plots of land was

km².