

Name

Date



## DIVISION PROBLEMS 3.6

Work out the answers to these division problems.

You need to **interpret** the answer in the context of the problem.

1) Captain has 30 car tyres. He fits them onto cars, with each car needing 4 new tyres.

How many cars can he fit all the tyres to?



2) A cake recipe needs 3 eggs to make. Sally has 14 eggs.

How many cakes can she make?



3) Quadra is putting pens into cases. Each pen case holds 6 pens.

How many cases will he need to hold 34 pens?



4) Newton shares out 26 raffle tickets equally between his 4 friends. He keeps the remaining tickets for himself.

How many tickets do his friends get?

How many tickets does Newton get?



5) A resting dolphin needs to take a breath 3 times a minute.

How many minutes would it take to make 40 breaths?



6) Every 4 minutes, a new car is produced by a car factory.

How many minutes would it take to make 40 cars?



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## DIVISION PROBLEMS 3.6 ANSWERS

1) Captain has 30 car tyres. He fits them onto cars, with each car needing 4 new tyres.

How many cars can he fit all the tyres to?

$30 \div 4 = 7 \text{ r } 2$ . He can fit 7 cars with new tyres.



2) A cake recipe needs 3 eggs to make. Sally has 14 eggs.  
How many cakes can she make?

$14 \div 3 = 4 \text{ r } 2$ . She can make 4 cakes.



3) Quadra is putting pens into cases. Each pen case holds 6 pens.  
How many cases will he need to hold 34 pens?

$34 \div 6 = 5 \text{ r } 4$ . He will need 6 cases to hold all the pens.



4) Newton shares out 26 raffle tickets equally between his 4 friends. He keeps the remaining tickets for himself.

$26 \div 4 = 6 \text{ r } 2$

How many tickets do his friends get? 6 each

How many tickets does Newton get? 2



5) A resting dolphin needs to take a breath 3 times a minute.  
How many minutes would it take to make 40 breaths?

$40 \div 3 = 13 \text{ r } 1$ . It would take 14 minutes (or 13 minutes 20 seconds) to make 40 breaths.



6) Every 6 minutes, a new car is produced by a car factory.  
How many whole minutes would it take to make 40 cars?

$40 \div 6 = 6 \text{ r } 4$ . It would take 7 whole minutes

