

Finding out with Fender

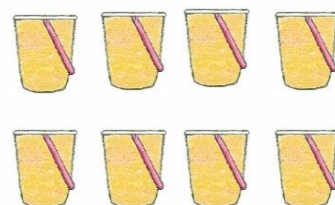


Maths

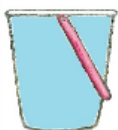


Number Sentences

1) Ellie takes 3 minutes to fill up one bucket of sand.
How long would it take her to fill up 8 buckets?



2) It takes Poppy 5 minutes to fill a bucket of water from the sea. How many buckets can she fill in 30 minutes?



3) If Alfie had three quarters of bucket of sand, Poppy had a quarter of a bucket of sand and Ellie had 4 half buckets of sand, how many full buckets would that make altogether?



4) There were 12 crabs in a rock pool and later on 9 more came to join them. The next morning 6 climbed out. How many were left?



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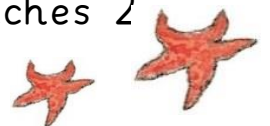
5) Harry found 1 shoe, 19 pieces of broken plastic and 13 ropes. Poppy found 26 bottle tops, 2 old tee shirts and 3 plastic bags. Matt wanted the tee shirts as they could be cleaned and reused. Dan said he could reuse the plastic bags and ropes. How many items did they throw away in the rubbish bag?



6) Betty baked 36 cupcakes. Harry ate 4, Ellie ate 1, Poppy ate 2, Alfie ate 2, Jack took 3 home and one dropped in the sand. How many were left for all the others?



7) 8 starfish, 9 mussel shells and 19 little fish are in a rock pool. Alfie catches 5 fish in his bucket and Evie catches 2 starfish. How many creatures are left in the pool?



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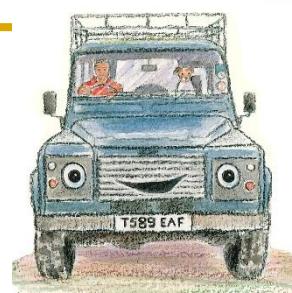
8) Fender and Dan leave the beach at 1:00pm and arrive at the seal sanctuary at 3:00pm. How long does the journey take them?



9) Fender and Dan arrive at the recycling yard at 4:00pm and leave at 4:30pm. How long do they spend at the yard?



10) Fender and Dan leave the recycling yard at 4:30pm. At 5pm they stop at the shop for 25 minutes and then drive another 15 minutes. What time did they get home?



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11) A truck in the recycling yard works for 10 minutes every hour. For how many minutes does it work during an eight-hour shift?



12) Fender travelled 70 miles to the seal sanctuary, then 40 miles to the recycling yard, then another 35 miles home. How many miles did he travel altogether?



13) The little grey seal crawled 3.5 metres from the sea to the rocks. Then four metres more towards Fender. When she felt safe, she crawled another half a metre to hide under his chassis.



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14) Dan and his 8 friends collected 2 bags of rubbish each.
The children collected five bags of rubbish altogether.

How many bags did they all collect off the beach?



15) 8 adults each filled a bag of rubbish in 35 minutes.

8 children each filled a bag in 40 minutes.

How many minutes were spent in total collecting rubbish?



And how many hours would this be?

16) There were 16 people collecting rubbish. A quarter of them
had a picnic afterwards and two went for a swim. All the
others went home. How many was that?





Answers

1) $3 \times 8 = 24$

2) $30 \div 5 = 6$

3) 3 full buckets

4) $12 + 9 - 6 = 15$

5) $1 + 19 + 13 = 33$

$26 + 2 + 3 = 31$

$33 + 31 = 64 - 18 = 46 \text{ items}$

6) $36 - 13 = 23$

7) $8 + 9 + 19 = 36 - 7 = 29$

8) 2 hours

9) 30 minutes

10) 5.40pm

11) $10 \times 8 = 80 \text{ minutes}$

12) $70 + 40 + 35 = 145 \text{ miles}$

13) $3.5 + 4 + 0.5 = 8 \text{ metres}$

14) $9 \times 2 + 5 = 23$

15) $8 \times 35 + 8 \times 40 = 600 \text{ minutes or } 10 \text{ hours (divide 600 by 60mins)}$

16) $4 + 2 = 6$ $16 - 6 = 10 \text{ people went home}$