



Open-Ended Multiplication and Division

Challenge Cards

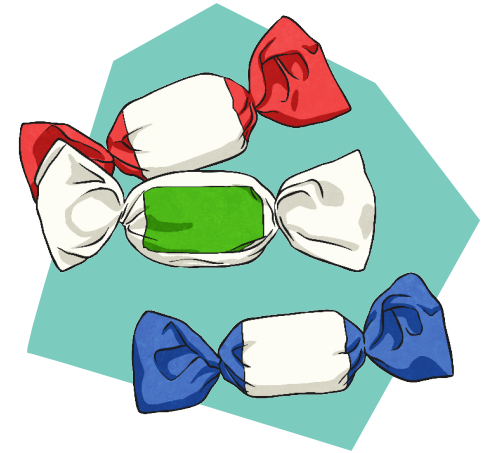


1.

Open-Ended Multiplication and Division

Jackie has 35 lollies that are separated into equal bags.

How many could be in each packet?



2.

Open-Ended Multiplication and Division

The classroom has 30 chairs for the students.

How could the teacher arrange the chairs around the tables?

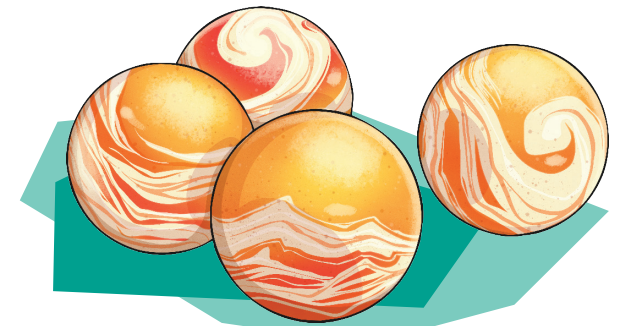


3.

Open-Ended Multiplication and Division

The shop sells marbles in bags of 4.

How many marbles could I have if I bought some?



4.

Open-Ended Multiplication and Division



Drink bottles come in packs of 6.

How many could I buy?

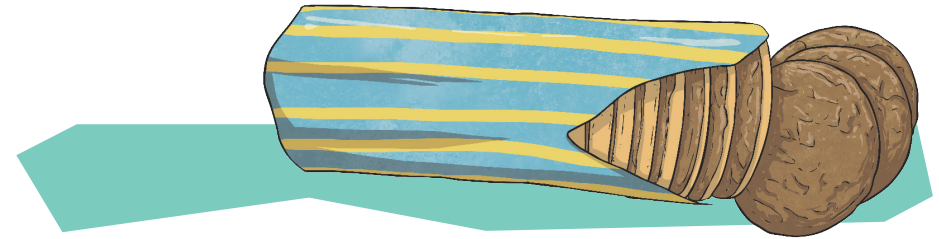


5.

Open-Ended Multiplication and Division

Sam has a packet of 12 biscuit. He wants to share them equally with some friends.

How many friends could he do this with?



6.

Open-Ended Multiplication and Division

Karen has an owl collection of 24 owls. She likes to have them in even groups around the house.

How many could be in each group?

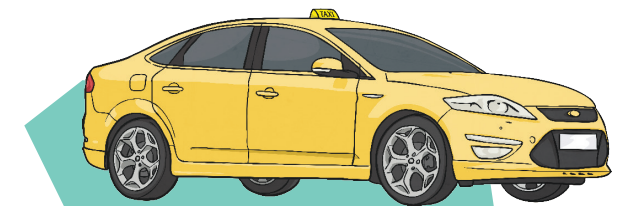


7.

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A boss plans a work trip and all 20 workers need to get to the airport in a taxi. They travel in the same sized groups.

How many taxis might they use?



8.

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At a dance competition, the dancer receives a score of 30. Each judge has given the same score.

How many judges could there have been?



9.

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Cinema tickets sell for \$8 each. I go with some of my friends.

How much money could I have spent?



10.

Open-Ended Multiplication and Division

The bike shop is busy building bikes to sell.

How many tires might they have in the workshop?



11.

Open-Ended Multiplication and Division

A chocolate machine makes 120 chocolates in a day. They are sold in equal packs.

How could they be packed?



12.



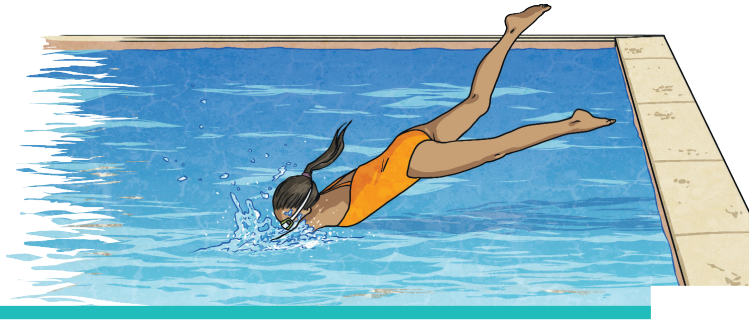
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Open-Ended Multiplication and Division

Hannah likes to swim. She always swims an odd number of laps but never more than 20.

How many laps could she swim?



Answers

Open-Ended Multiplication and Division

- 1, 5, 7, 35
- 1, 2, 3, 5, 6, 10, 15, 30
- 4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48 or another multiple of 4.
- 6, 12, 18, 24, 30, 36, 42, 48, 54, 60, 66, 72 or another multiple of 6.
- 1, 2, 3, 4, 6, 12
- 1, 2, 3, 4, 6, 8, 12, 24
- 2, 4, 5, 10
- 2, 3, 5, 6, 10, 15
- 8, 16, 24, 32, 40, 48, 56, 64, 72, 80, 88, 96, 104, 112 or a multiple of 8.
- Any even number.
- 1, 2, 3, 4, 5, 6, 8, 10, 12, 15, 20, 24, 30, 40, 60, 120
- 1, 3, 5, 7, 9, 11, 13, 15, 17, 19