

Ratio and Proportion Word Problem

Challenge Cards



Ratio and Proportion Word Problem



1. In my pirate fleet I have 3 rafts and 21 ships.

What is the ratio of rafts to ships in its simplest form?



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2. On a map I am using, the scale is 1cm for every 10 000cm.

I am mapping a 65km journey.
How long would the journey be on the map in cm?



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3. On a test I answered 8 questions out of every 24 correctly.

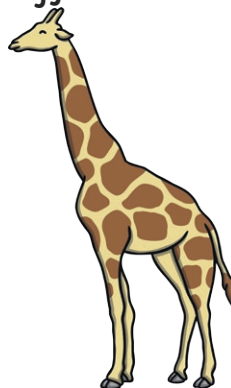
There were 96 questions.
How many did I get right?



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4. There are 22 zebras and 66 giraffes at the zoo.

What is the ratio of zebras to giraffes in its simplest form?



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5. In Y4 there are 36 children with black hair and 48 children with brown hair. There are half as many children with blonde hair as there are with black hair.



What is the overall ratio of blond, black and brown hair colours in Y4 in its simplest form?

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1. 1:7
2. 6.5m
3. 32
4. 1:3
5. 3:6:8