

Year 6 Maths Home Learning Resources
Term 5, Week 3

Session 4: Dividing by 10, 100 and 1000

These questions use and apply the comparing and ordering skills we discussed in the session 3 video. If you think that you might need a bit more practise, have another look at the video for session 3.

The answers are on the answer sheet so that you can check your work.

Can you explain it?



Colin says that $492 \div 100 = 49,200$



Explain why he is incorrect:

(He is incorrect because he The correct answer is He should have)

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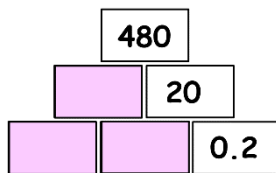
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Can you apply it?



Solve a problem:

In this tower, two adjacent numbers multiply to give the number above. Can you complete the tower?



Can you make another row at the bottom that would follow the same rule?

Create a problem:

Create your own tower problem like the one above for someone in your family to solve.

Solve a Problem:



Coco is drawing a map of her journey to school. 1 cm on the map represents 100 m. If her journey to school is 1.53 km, how many cm on the map would this be? (Don't forget to think carefully about the units).

Find the missing numbers:

How many different ways can you make these statements true, if at least one number in each statement is a decimal?

_____ x 10 = _____ ÷ 1000

_____ ÷ 10 = _____ x 100

_____ ÷ 100 = _____ ÷ 1000

_____ x 10 = _____ x 1000