



4 Find the decimal equivalents for these fractions.

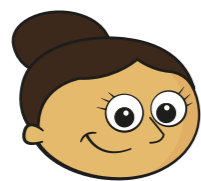
a)  $\frac{7}{8} =$  0.875

c)  $\frac{1}{16} =$  0.0625

b)  $\frac{7}{5} =$  1.4

d)  $\frac{9}{16} =$  0.5625

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To find  $\frac{19}{20}$  as a decimal,  
I found  $\frac{1}{20}$  as a decimal, then  
took it away from 1

Here is Dora's working out.

			0	.	0	5
2	0		1	.	0	0

$1 - 0.05 = 0.95$

$\frac{19}{20} = 0.95$

Use Dora's method to find the decimal equivalent for  $\frac{49}{50}$

			0	.	0	2
5	0		1	.	0	0

$1 - 0.02 = 0.98$

0.98

6



I converted  $\frac{1}{2}$  to  
a decimal and got the  
answer 2

Jack is incorrect.

Explain the mistake that Jack has made.

He did  $2 \div 1$  when he should have done  
 $1 \div 2$

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Filip is thinking of a fraction.

When he converts it to a decimal, it is smaller than 0.5 but greater than 0.4

What fraction could Filip be thinking of?

E.g. 19

Are there any other possible answers? Talk to a partner.

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Use the short division method to find the decimal equivalent of  $\frac{1}{3}$

$0.33333\dots$

Compare answers with a partner.