Week 7, Day 5 Fractions of amounts (2)

Each day covers one maths topic. It should take you about 1 hour or just a little more.

- Start by reading through the Learning Reminders. 1. They come from our *PowerPoint* slides. 2 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9 Sketch a line from 2.3 to 2.4.
- Tackle the questions on the Practice Sheet. 2. There might be a choice of either Mild (easier) or Hot (harder)! Check the answers.

Finding it tricky? That's OK... have a go with a 3. grown-up at A Bit Stuck?

Have I mastered the topic? A few questions to 4. Check your understanding. Fold the page to hide the answers!





6.231 + 0.10

5.846 - 0.211

10. 5.846 - 0.013



	tify the value of the '4' in the following numbers:
(a)	3.407
(b)	4.821
(c)	0.043
(d)	5.104
(e)	48,739
How	many times must Dan multiply 0.048 by 10 to get 48,000



6.231 + 0.11

6.231 + 0.011

5.846 - 0.13

1. 5.846 - 0.204

Learning Reminders



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Learning Reminders



Learning Reminders







Fractions practice (Mild)

$\frac{1}{2}$ of 16 = 8	$\frac{1}{2}$ of 40 = 20
$\frac{1}{4}$ of 16 = 4	$\frac{1}{4}$ of 40 = 10
	$\frac{1}{5}$ of 40 = 8
$\frac{1}{2}$ of 20 = 10	$\frac{1}{5}$ of 35 = 7
$\frac{1}{4}$ of 20 = 5	$\frac{1}{2}$ of 14 = 7
$\frac{1}{5}$ of 20 = 4	$\frac{1}{4}$ of 28 = 7

Fractions practice (Hot)

$\frac{1}{2}$ of 16 = 8 $\frac{1}{4}$ of 16 = 4 $\frac{1}{8}$ of 16 = 2	$\frac{1}{2} \text{ of } 20 = 10$ $\frac{1}{4} \text{ of } 20 = 5$ $\frac{1}{5} \text{ of } 20 = 4$ $\frac{1}{10} \text{ of } 20 = 2$
$\frac{1}{2} \text{ of } 30 = 15$ $\frac{1}{3} \text{ of } 30 = 10$ $\frac{1}{5} \text{ of } 30 = 6$ $\frac{1}{10} \text{ of } 30 = 3$	$\frac{1}{2} \text{ of } 40 = 20$ $\frac{1}{4} \text{ of } 40 = 10$ $\frac{1}{5} \text{ of } 40 = 8$ $\frac{1}{8} \text{ of } 40 = 5$ $\frac{1}{10} \text{ of } 40 = 4$

Challenge

nt fractions c	an you find of
ers could include	:
$\frac{1}{6}$ of 36 = 6	$\frac{1}{9}$ of 36 = 4
$\frac{2}{6}$ of 36 = 12	$\frac{2}{9}$ of 36 = 8
$\frac{3}{6}$ of 36 = 18	$\frac{4}{9}$ of 36 = 16
$\frac{4}{6}$ of 36 = 24	$\frac{5}{9}$ of 36 = 20
$\frac{5}{6}$ of 36 = 30	$\frac{7}{9}$ of 36 = 28
	$\frac{8}{9}$ of 36 = 32
	nt fractions c ers could include $\frac{1}{6}$ of 36 = 6 $\frac{2}{6}$ of 36 = 12 $\frac{3}{6}$ of 36 = 18 $\frac{4}{6}$ of 36 = 24 $\frac{5}{6}$ of 36 = 30

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• I am beginning to find $\frac{2}{3}$ of numbers (whole number answers).

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Check your understanding: Questions

Complete each sentence:

$$\frac{1}{3}$$
 of 15 =
 $\frac{1}{5}$ of 40 =
 $\frac{1}{6}$ of 24 =

Draw three bar models, one to represent each of these fraction problems.

$$\frac{1}{3}$$
 of 24
 $\frac{1}{8}$ of 24
 $\frac{1}{5}$ of 30

Answers on next page

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Check your understanding: Answers

Complete each sentence:

$$\frac{1}{3}$$
 of 15 = 5
 $\frac{1}{5}$ of 40 = 8
 $\frac{1}{6}$ of 24 = 4

Draw three bar models, one to represent each of these fraction problems. A common error is to write the denominator number rather than the fractional amount in the bar model cells.

$\frac{1}{3}$ of 24 = 8			
	8	8	8

1/8 of 24 = 3

24							
3	3	3	3	3	3	3	3

 $\frac{1}{5}$ of 30 = 6

30					
6	6	6	6	6	

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