

Decimal Tenths

To recognise and represent tenths as decimals.



1. For each bar model, write how many tenths are shaded as a decimal.



a) _____



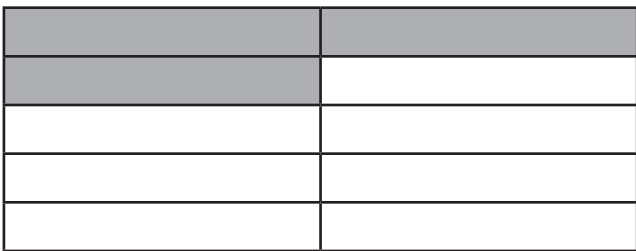
b) _____



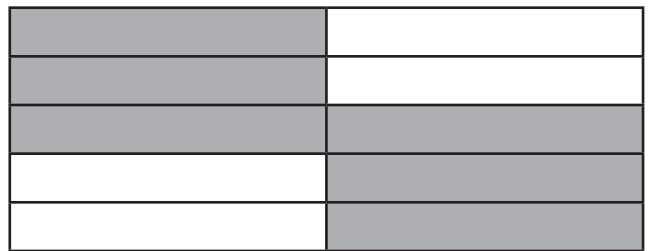
c) _____



d) _____

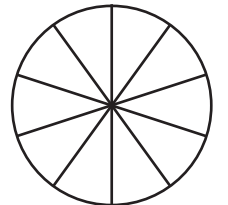
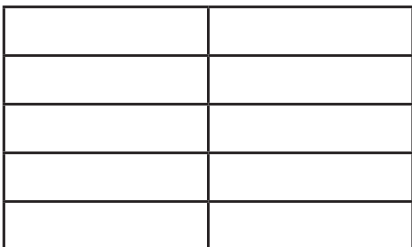


e) _____



f) _____

2. Colour in 0.4 of each shape.



3. Fill in the gaps on the counting stick.



Decimal Tenths

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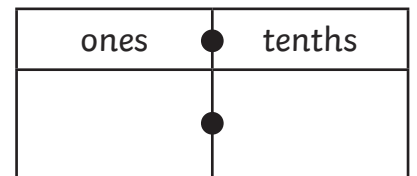
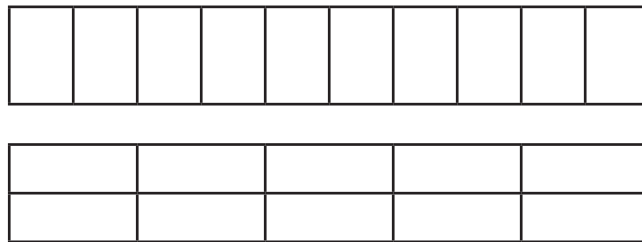
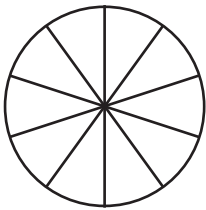


1. Describe the shaded part of the counting stick in three different ways.



Tenths in Words	Tenths as a Fraction	Tenths as a Decimal

2. Show 0.3 in each model.



3. Complete the table.

Image	Tenths in Words	Tenths as a Fraction	Tenths as a Decimal
	seven tenths		
		$\frac{11}{10}$ or $1\frac{1}{10}$	
			1.9

Decimal Tenths

To recognise and represent tenths as decimals.



1. Complete the table.

Bar Model	Tenths in Words	Tenths as a Fraction	Tenths as a Decimal
	twelve tenths		
		$\frac{11}{10}$ or $1\frac{1}{10}$	
	one whole and seven tenths		

2. Match the fractions to the correct representations.

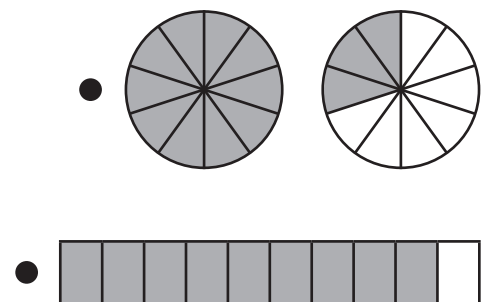
six tenths

1.4

fourteen tenths

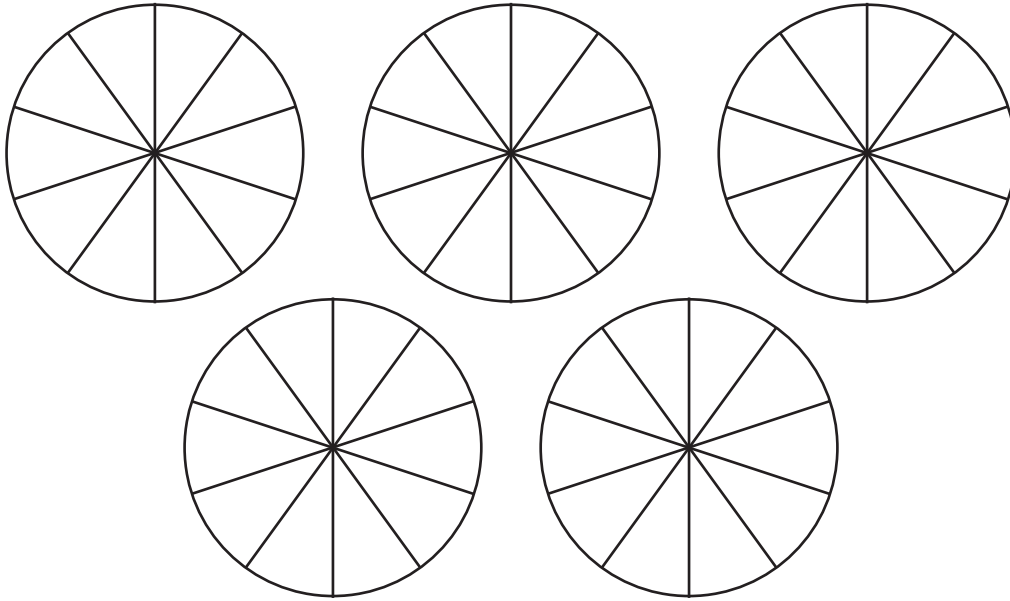
$\frac{13}{10}$

0.9



$\frac{6}{10}$

3. Five pizzas are ordered for a party. They are each sliced into 10 equal pieces. 17 slices were eaten.



- a) As a decimal, how much pizza was eaten?

- b) As a decimal, how much pizza is left over?

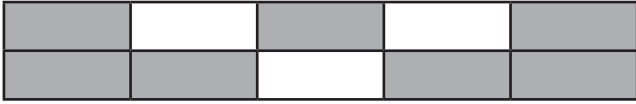
Answers



a) **0.4**



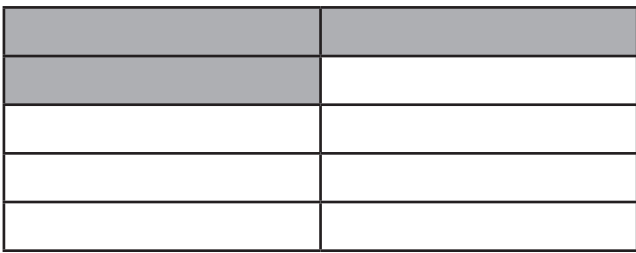
b) **0.8**



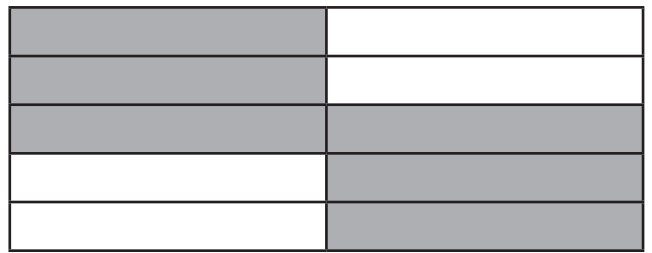
c) **0.7**



d) **0.5**

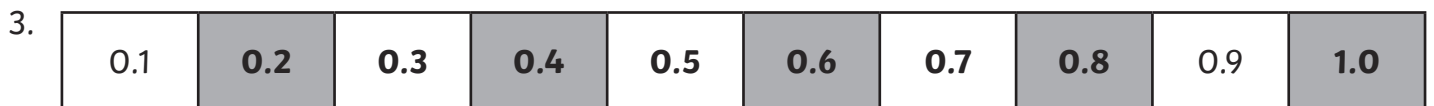
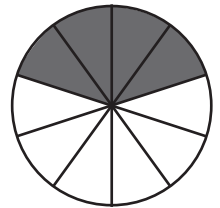
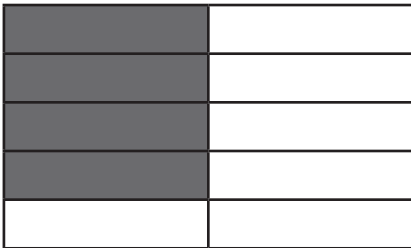


e) **0.3**



f) **0.6**

2. **Accept all correct representations of 0.4. For example:**



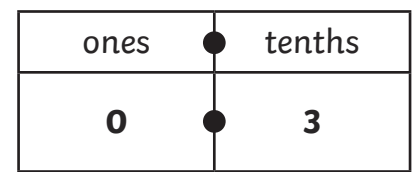
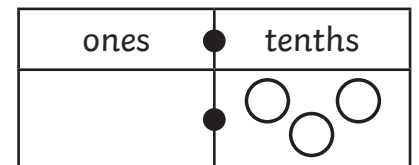
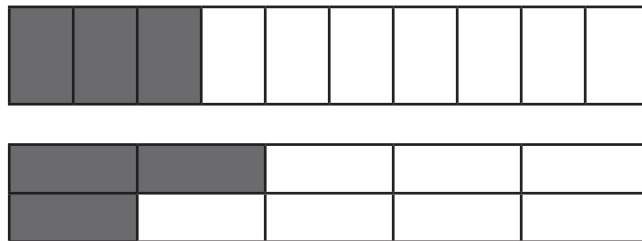
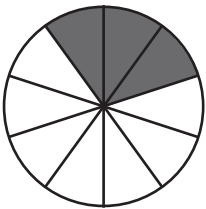
Answers

1.

0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
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Tenths in Words	Tenths as a Fraction	Tenths as a Decimal
<p>six tenths or zero point six</p>	<p>$\frac{6}{10}$</p>	<p>0.6</p>

2. Accept all correct representations of 0.3. For example:



3.

Image	Tenths in Words	Tenths as a Fraction	Tenths as a Decimal						
	<p>seven tenths</p>	<p>$\frac{7}{10}$</p>	<p>0.7</p>						
	<p>eleven tenths or one whole and one tenth</p>	<p>$\frac{11}{10}$ or $1\frac{1}{10}$</p>	<p>1.1</p>						
<table border="1"> <tr> <td>ones</td> <td>●</td> <td>tenths</td> </tr> <tr> <td>1</td> <td>●</td> <td>9</td> </tr> </table>	ones	●	tenths	1	●	9	<p>nineteen tenths or one whole and nine tenths</p>	<p>$\frac{19}{10}$ or $1\frac{9}{10}$</p>	<p>1.9</p>
ones	●	tenths							
1	●	9							

Answers

1.	Bar Model	Tenths in Words	Tenths as a Fraction	Tenths as a Decimal
		twelve tenths	$\frac{12}{10}$ or $1\frac{2}{10}$	1.2
		eleven tenths	$\frac{11}{10}$ or $1\frac{1}{10}$	1.1
		one whole and seven tenths	$\frac{17}{10}$ or $1\frac{7}{10}$	1.7

2.

six tenths 1.4
fourteen tenths
 $\frac{13}{10}$
0.9 $\frac{6}{10}$

Connections: six tenths connects to $\frac{6}{10}$; fourteen tenths connects to 1.4; $\frac{13}{10}$ connects to 1.3; 0.9 connects to nine tenths.

3. a) 1.7

b) 3.3