

1 a) Complete each division.



$$5 \div 2 = 2 \text{ remainder } \boxed{\phantom{00}}$$

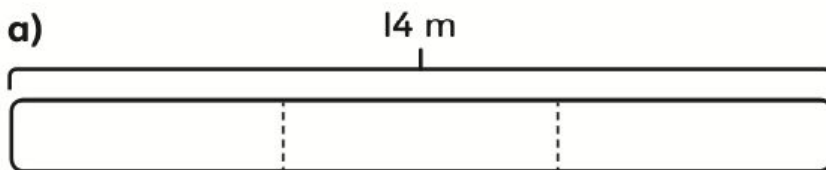
$$5 \div 2 = 2 \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$



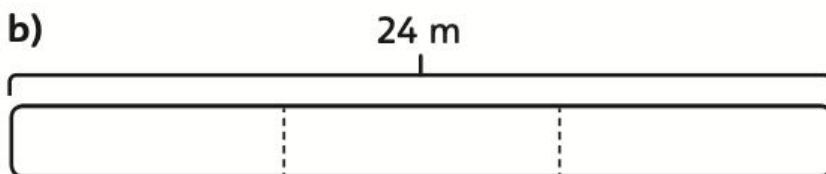
$$8 \div 3 = \boxed{\phantom{00}} \text{ remainder } \boxed{\phantom{00}}$$

$$8 \div 3 = \boxed{\phantom{00}} \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

2 A carpenter cuts each length of wood into three equal planks. How long is each plank?



$$14 \div 3 = \boxed{\phantom{00}} \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} \text{ m}$$



$$24 \div 3 = \boxed{\phantom{00}} \text{ m}$$

3 Richard has a 250 g bar of chocolate. He shares it equally between 4 people. How many grams of chocolate does each person receive?



4  $96 \div 8 = 12$

Use this division fact to help complete these division statements.

a)  $97 \div 8 = 12$  remainder  =  $12 \frac{\text{input}}{8}$

d)  $102 \div 8 = \text{input} \frac{\text{input}}{\text{input}}$

b)  $98 \div 8 = 12 \frac{\text{input}}{8} = 12 \frac{\text{input}}{4}$

e)   $\div 8 = 24 \frac{1}{8}$

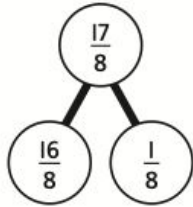
c)  $100 \div 8 = \text{input} \frac{\text{input}}{\text{input}}$

5 Complete the table.

Division with remainder	Mixed number	Improper fraction
$6 \div 4 = 1$ remainder 2	$1 \frac{2}{4}$ or $1 \frac{1}{\text{input}}$	$\frac{6}{4}$ or $\frac{3}{\text{input}}$
$18 \div 4 = \text{input}$ remainder <input type="text"/>		
		$\frac{22}{5}$
	$5 \frac{1}{5}$	
		$\frac{58}{10}$ or $\frac{\text{input}}{5}$

**6** Andy has a method for dividing 17 by 8.

$$\frac{16}{8} = \frac{8}{8} + \frac{8}{8}$$



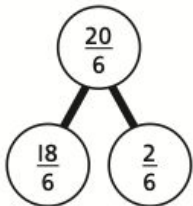
I will solve  $17 \div 8$  as an improper fraction.

$$17 \div 8 = \frac{17}{8} = \frac{16}{8} + \frac{1}{8} = 2 + \frac{1}{8} = 2 \frac{1}{8}$$

Try using Andy's method to solve these divisions.

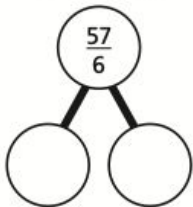


**a)**



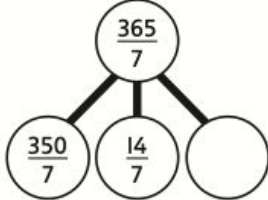
$$20 \div 6 = \boxed{\phantom{00}} \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

**b)**



$$57 \div 6 = \boxed{\phantom{00}} \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$

**c)**



$$365 \div 7 = \boxed{\phantom{00}} \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}}$$