



## Move On Up: Learning Chunk – Entry 3 numeracy

### Equivalent forms: Assessment

#### Short task

1 Jane has just started working in a local garden centre and nursery. One of her tasks on her first day is to dig over a 20 metre long bed. So far she has dug 10 metres of the bed.

- a) What common fraction is equivalent to  $\frac{10}{20}$ ?

Show your working here:

- b) What fraction of the bed has she still got left to dig?

2 Jane has been digging the bed for 45 minutes so far.

a) What fraction of an hour is this? (60 minutes in an hour)

b) How long will it take her to finish the rest of the bed?

c) How long will it take Jane to dig the whole bed?

3 Later on in the day Jane spends some time in the garden centre section.

a) The azaleas have been reduced in price. A plant which did cost £6 now has a £2 price reduction.

Circle the right sale notice for this plant:

**Buy one, get one free**

**$\frac{1}{3}$  off**

**$\frac{1}{2}$  price**

b) How much is the sale price of this plant?

4 The garden centre manager tells Jane about the pattern of customers across the week.

	Number of customers	Number of customers over 60
<b>Mon</b>	80	40
<b>Tues</b>	60	20
<b>Wed</b>	85	40
<b>Thu</b>	100	60
<b>Fri</b>	90	30
<b>Sat</b>	120	20
<b>Sun</b>	200	50

a) On Monday, **40** out of 80 customers were over 60. What other common fraction is the same as 40/80?

b) Which day had the most customers over 60?

c What fraction of customers were over 60 on Thursday?

Circle the right number from the choice below:

$$\frac{3}{5} \quad \frac{60}{90} \quad \frac{1}{2} \quad \frac{2}{6}$$

**Mini-test**

1 What fraction is equivalent to 30/40?

a)  $\frac{1}{2}$     b)  $\frac{1}{3}$     c)  $\frac{3}{4}$     d)  $\frac{2}{3}$

2 If ten out of 50 items produced by a worker are faulty, what fraction is this?

a)  $\frac{1}{5}$     b)  $\frac{1}{2}$     c)  $\frac{2}{5}$     d)  $\frac{1}{4}$

3 What fraction of an hour is 15 minutes? (1 hour = 60 minutes)

a)  $\frac{1}{3}$     b)  $\frac{1}{4}$     c)  $\frac{1}{2}$     d)  $\frac{3}{4}$

4 Ashton Club has had a recruitment drive to get more members to join. Half of their members are now men. Which other local club has the same fraction of male members?

a) Colton  $\frac{22}{50}$       b) Beerly  $\frac{16}{40}$

c) Daviton  $\frac{15}{38}$       d) Farnley  $\frac{21}{42}$

5 The price of a kettle is reduced by £3 in a sale. The original price was £12. By what fraction has the price been reduced?

a)  $\frac{1}{4}$       b)  $\frac{2}{3}$       c)  $\frac{3}{4}$       d)  $\frac{1}{3}$

6 In a survey, 20 out of 50 people say they go on holiday in Britain. What fraction is the same as 20/50?

a)  $\frac{40}{100}$       b)  $\frac{20}{100}$       c)  $\frac{50}{100}$       d)  $\frac{30}{100}$