Decimal Word Problems
Challenge Cards
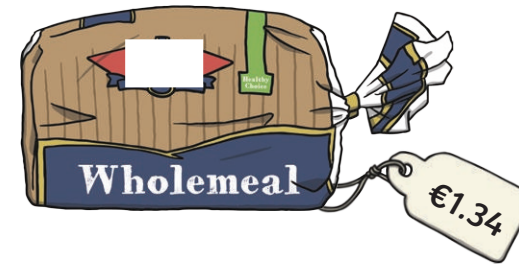
1.

€0.99

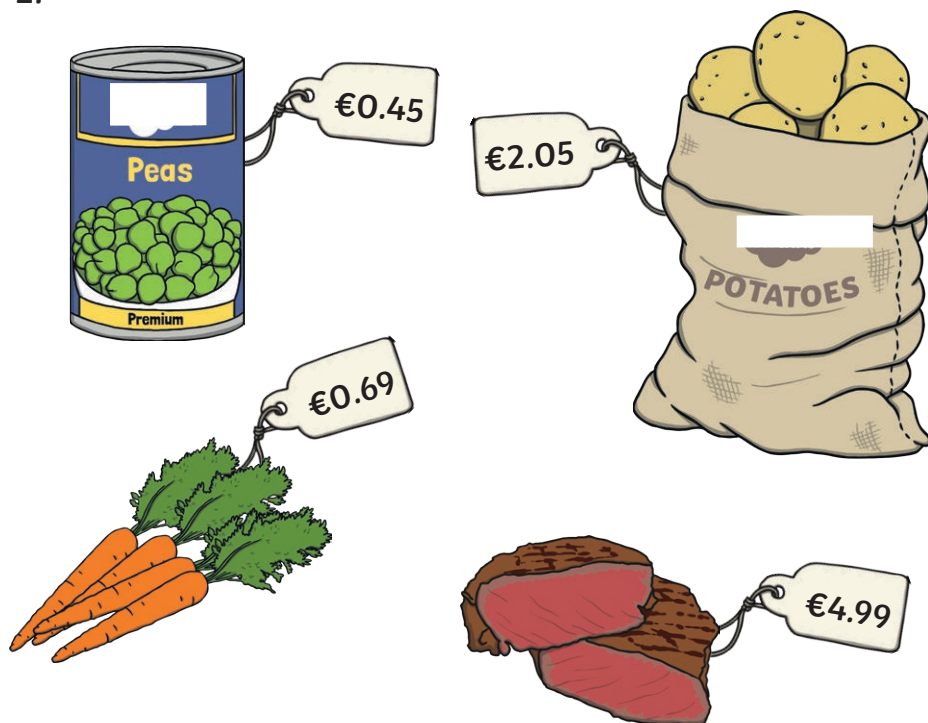Wholemeal   €1.34

SALTED BUTTER   €0.65

€1.13

a. What is the total cost of a loaf of bread, jar of jam and butter?

b. How much more does the carton of orange juice cost than the jar of jam?

c. Find the total cost of 1 of each item.

d. What change would you get from €5 if you bought one of each item?
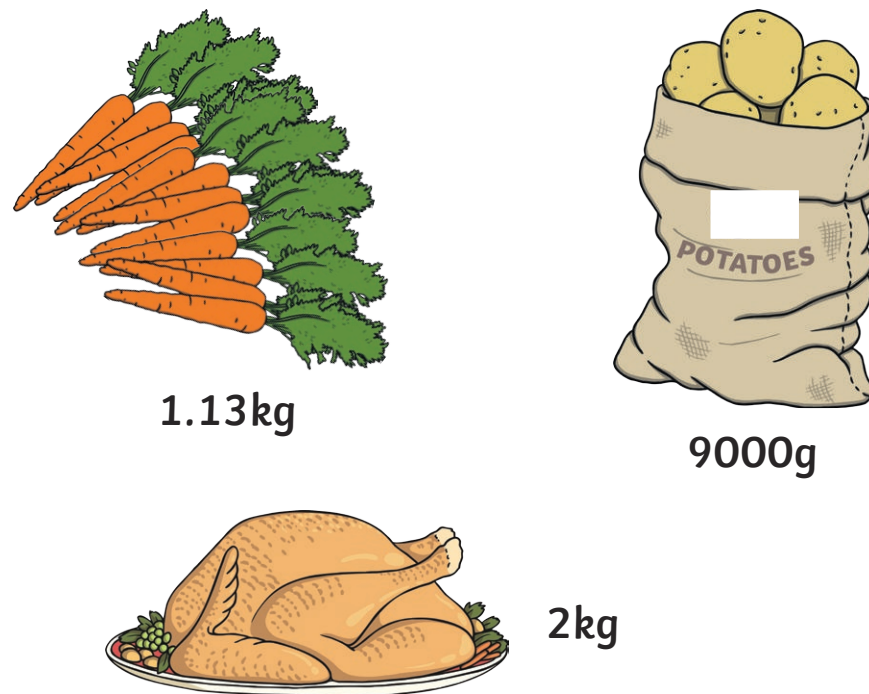
Decimal Word Problems

2.

€0.45

€2.05

€0.69

€4.99

Peas
Premium

POTATOES

a. What is the total cost of a tin of peas and a bag of potatoes?

b. How much more does a bag of carrots cost than a tin of peas?

c. Find the total cost of all of the items.

d. What change would you get from €10 if you bought one of each item?
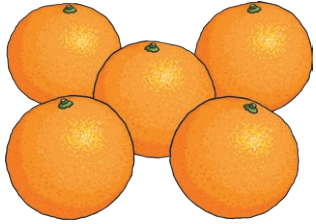
Decimal Word Problems

3.

1.13kg

9000g

POTATOES

2kg

a. What is the total weight of the bag of potatoes and the bag of carrots?

b. How much heavier is the bag of potatoes than the bag of carrots?

c. How much heavier is the turkey than the carrots?

d. What is the total weight of the 3 items?

Decimal Word Problems
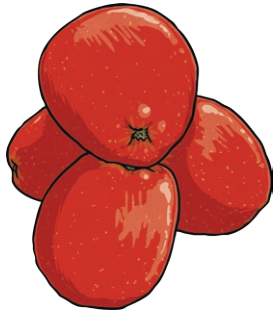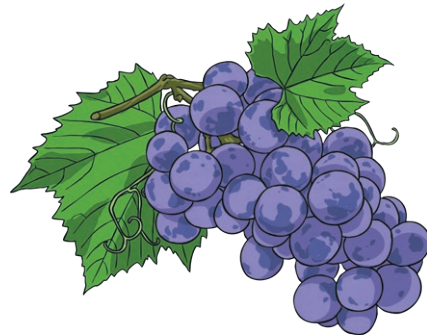
4.

1.43kg

1940g

1.5kg

630g

a. What is the total weight of the bag of oranges,
    the bag of bananas and the bag of apples?

b. How much heavier is the bag of apples
    than the bag of oranges?

c. How much heavier is the bag of bananas
    than the bag of grapes?

d. What is the total weight of the 4 items?

1a. What is the total cost of a loaf of bread, jar of jam and butter?

loaf of bread =   €1.34
the jar of jam =   + €0.99
the tub of butter=   + €0.65

Answer: €2.98

1b. How much more does the carton of orange juice cost than the jar of jam?

carton of orange juice = €1.13
the jar of jam =   - €0.99

Answer: €0.14

1c. Find the total cost of one of each item.

loaf of bread =   €1.34
the jar of jam =   + €0.99
the tub of butter=   + €0.65
carton of orange juice =   + €1.13

Answer: €4.11

1d. What change would you get from €5 if you bought one of each item?

money: €5.00
total cost of items: - €4.11

Answer: €0.89

2a. What is the total cost of a tin of peas and a bag of potatoes?

tin of peas =   €0.45
bag of potatoes =   + €2.05

Answer: €2.50

2b. How much more does the bag of carrots cost than the tin of peas?

bag of carrots =   €0.69
tin of peas =   - €0.45

Answer: €0.24

2c. Find the total cost of all of the items.

tin of peas =   €0.45
bag of potatoes =   + €2.05
bag of carrots =   + €0.69
two steaks =   + €4.99

Answer: €8.18

2d. What change would you get from €10 if you bought 1 of each item?

money: €10.00
total cost of items: - €8.18

Answer: €1.82

3a. What is the total weight of the bag
of potatoes and the carrots?

bag of potatoes = 9000g   9000g
bag of carrots = 1.13kg = 1130g   + 1130g

Answer: **10 130g or 10.13kg**

3b. How much heavier is the bag of
potatoes than the bag of carrots?

bag of potatoes = 9000g   9000g
bag of carrots = 1.13kg = 1 130g   - 1130g

Answer: **7870g or 7.87kg**

3c. How much heavier is the turkey than the carrots?

turkey = 2kg or 2000g   2000g
carrots = 1.13kg or 1130g   - 1130g

Answer: **870g or 0.87kg**

3d. What is the total weight of the 3 items?

bag of potatoes = 9000g   9000g
bag of carrots 1.13kg or 1 130g   + 1130g
turkey = 2kg or 2 000g   + 2000g

Answer: **12130g or 12.13kg**

4a. What is the total weight of the bag of oranges,
the bag of bananas and the bag of apples?

bag of oranges = 1.43kg = 1 430g   1430g
bag of bananas = 1940g   + 1940g
bag of apples = 1.5kg = 1 500g   + 1500g

Answer: **4870g or 4.87kg**

4b. How much heavier is the bag of
apples than the bag of oranges?

bag of apples = 1.5kg = 1 500g   1500g
bag of oranges = 1.43 = 1 430g   - 1430g

Answer: **70g or 0.07kg**

4c. How much heavier is the bag of
bananas than the bag of grapes?

bag of bananas = 1940g   1940g
bag of grapes = 630g   - 630g

Answer: **1310g or 1.31kg**

4d. What is the total weight of the 4 items?

bag of oranges = 1.43kg = 1430g   1430g
bag of bananas = 1940g   + 1940g
bag of apples = 1.5kg = 1500g   + 1500g
bag of grapes = 630g   + 630g

Answer: **5500g or 5.5kg**