Thursday 9th July
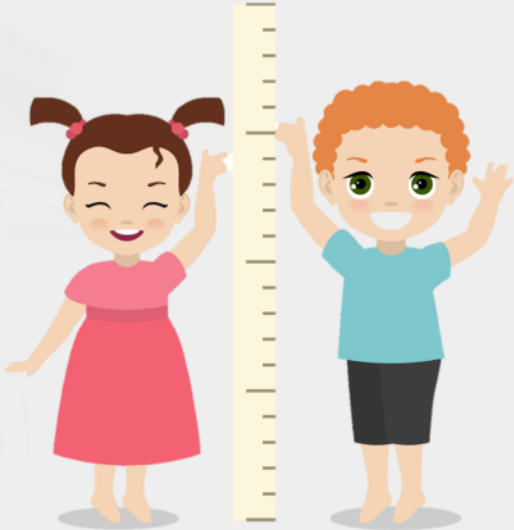
Year 5: Imperial Units

Which imperial units of measure would you associate with these images?

inches

pounds

pints
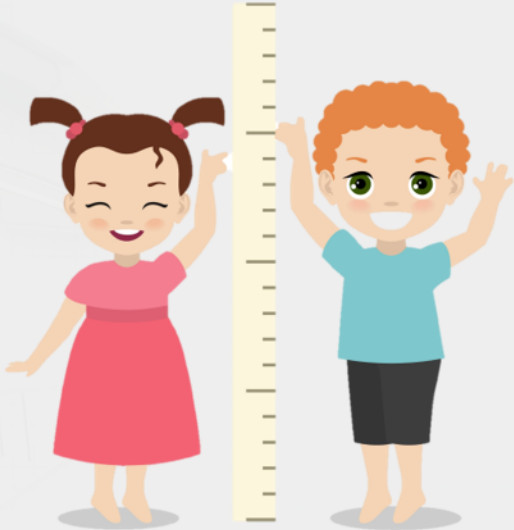
When else might you see these common imperial measures used in everyday life?

Y5

Which imperial units of measure would you associate with these images?

inches

pints

pounds

When else might you see these common imperial measures used in everyday life?
Various individual responses.

Y5

If 1 pint = 568ml, circle the measurement that are less than 5 pints.

957ml	2419ml
2850ml	3000ml
2951ml	1989ml
2838ml	7502ml

Y5

If 1 pint = 568ml, circle the measurement that are less than 5 pints.

957ml   **2419ml**

2850ml   3000ml

2951ml   **1989ml**

2838ml   7502ml

Y5

True or false?

If 1 inch = 2.54cm, 3 inches = 7.26cm.

Y5

True or false?

If 1 inch = 2.54cm, 3 inches = 7.26cm.

False
It is 7.62cm

Y5

If 1kg = 2.2lbs, how much is 28kg?

Circle the correct measurement.

60.5lbs   **75.4lbs**

61.6lbs   **69.8lbs**

Y5

If 1kg = 2.2lbs, how much is 28kg?

Circle the correct measurement.

60.5lbs   75.4lbs

61.6lbs   69.8lbs

Y5

Fill in the blank below.

If 5kg = 11lbs, 4 watering cans will weigh _____ lbs.

3kg

Y5

Fill in the blank below.

If 5kg = 11lbs, 4 watering cans will weigh <u>26.4</u> lbs.

3kg

Y5

Which weight is the odd one out? Why?

420g

0.616lbs

0.56kg

- Four bags of rice
- Three jars of coffee
- Three packs of spaghetti

Y5

Which weight is the odd one out? Why?

420g   **0.616lbs**   **0.56kg**

- **Four bags of rice**
- **Three jars of coffee**
- **Three packs of spaghetti**

Coffee is the odd one out because…

Y5

Which weight is the odd one out? Why?

RICE	COFFEE	SPAGHETTI
420g	**0.616lbs**	**0.56kg**

- **Four bags of rice**
- **Three jars of coffee**
- **Three packs of spaghetti**

Coffee is the odd one out because it weighs 0.616lbs whereas the other weighs 3.696lbs.

Y5

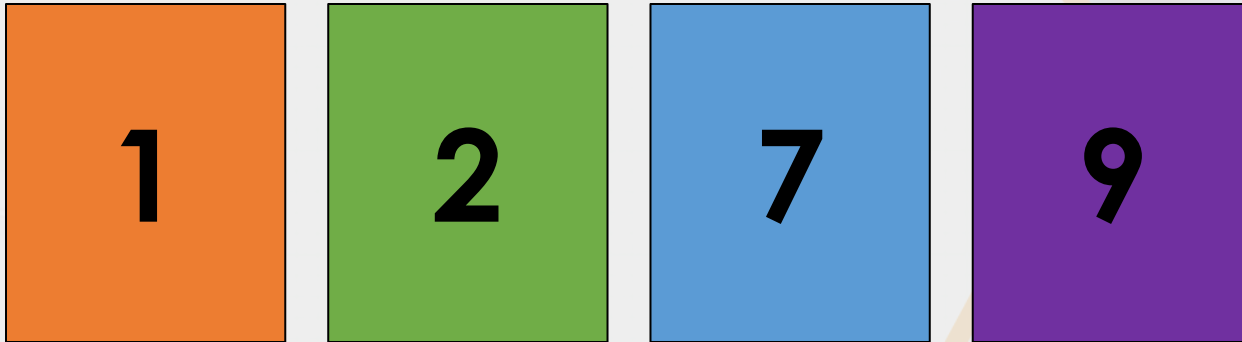Use all four digit cards to find three different solutions to this statement.

1	**2**	**7**	**9**

3 pints   <   [ ] ml

Y5

Use all four digit cards to find three different solutions to this statement.

1   **2**   **7**   **9**
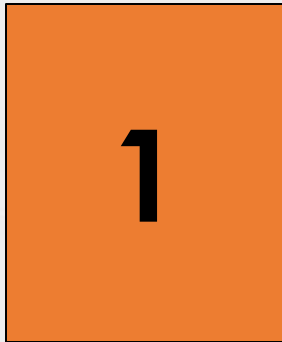
3 pints   <   [ ]   ml

Various answers; must be bigger than 1,704ml, for example: 1,729ml; 1,792ml; 1,927ml; 1,972ml; 2,179ml; 2,197ml

Y5

Darius needs 60cm of lace for a project. Lace comes in 6 inch lengths.

Olga says,

"6 inches is 15.24cm inches so you will need 4 lengths of lace."

If 1 inch = 2.54cm, is Olga correct?

Explain why.

Y5

Darius needs 60cm of lace for a project. Lace comes in 6 inch lengths.

Olga says,

"6 inches is 15.24cm inches so you will need 4 lengths of lace."

If 1 inch = 2.54cm, is Olga correct?

Explain why.

Olga is correct because…

Y5

Darius needs 60cm of lace for a project. Lace comes in 6 inch lengths.

Olga says,

"6 inches is 15.24cm inches so you will need 4 lengths of lace."

If 1 inch = 2.54cm, is Olga correct?

Explain why.

Olga is correct because 4 x 15.24 = 60.96cm, so she has enough lace for the project.

Y5

Year 5 Developing

1a. If 2kg = 4.4lbs, circle the measurements that are less than 20kg.

44lbs	15lbs
45lbs	27lbs
78lbs	39lbs
46lbs	88lbs

5 VF

1b. If 4kg = 8.8lbs, circle the measurements that are more than 88lbs.

69kg	12kg
39kg	61kg
30kg	41kg
44kg	28kg

5 VF

2a. True or false?

If 1 inch = 2.54cm, 10 inches = 25.04cm.

5 VF

2b. True or false?

If 2 inches = 5.08cm, 20 inches = 50.8cm.

5 VF

3a. If 10 pints = 5,680ml, how much is equivalent to 1 pint? Circle the correct measurement.

56.8ml	5,8600ml
68.5ml	568ml

3b. If 30 pints = 17,040, how much is equivalent to 3 pints? Circle the correct measurement.

1,704ml	1,740ml
17,004ml	1,470ml

1a. If 1kg = 2.2lbs, which weight is the odd one out? Why?

2.2lbs   1.1lbs   1kg

- Ten tins of syrup
- Ten packets of spaghetti
- Five bags of sugar

5 R

1b. If 1kg = 2.2lbs, which weight is the odd one out? Why?

2kg   1.1lbs   1lb

- One bag of flour
- Four tins of beans
- Four packets of biscuits

5 R

2a. Use all four digit cards to find two different solutions to this statement.

1 pint = 568ml

| 2 | 3 | 9 | 9 |

10 pints > [ ] ml

2b. Use all four digit cards to find two different solutions to this statement.

1 pint = 568ml

| 1 | 2 | 7 | 8 |

2 pints < [ ] ml < 4 pints

Year 5 Expected

5a. If 4kg = 8.8lbs, circle the measurements that are less than 24kg.

50.8lbs	42.06lbs
88.8lbs	51.9lbs
91.2lbs	55.3lbs
34.1lbs	64.7lbs

5 VF

5b. If 5kg = 11lbs, circle the measurements that are more than 55lbs.

52kg	61.5kg
13.4kg	23.5kg
18kg	30kg
66kg	24kg

5 VF

6a. True or false?

If 2 pints = 1,136ml, 6 pints = 3,480ml.

5 VF

6b. True or false?

If 3 pints = 1,704ml, 12 pints = 6,816ml.

5 VF

7a. If 5 inches = 12.70cm, how much is equivalent to 1 inch? Circle the correct measurement.

2.45cm	2.55cm
2.54cm	2.61cm

7b. If 5 pints = 2,840ml, how much is equivalent to 20 pints? Circle the correct measurement

11,305ml	11,306ml
10,306ml	11,360ml

4a. If 1kg = 2.2lbs, which weight is the odd one out? Why?

1.5kg   1,500g   3.3lbs

- Five bags of flour
- Five packs of spaghetti
- Three bags of sugar

5 R

4b. If 1kg = 2.2lbs, which weight is the odd one out? Why?

400g   1.1lbs   2.5kg

- Five tins of beans
- Four packets of biscuits
- One tins of syrup

5 R

5a. Use all four digit cards to find three different solutions to this statement.

1 pint = 568ml

| 1 | 2 | 5 | 8 |

3 pints > [ ] ml

5b. Use all four digit cards to find three different solutions to this statement.

2 pints = 1,136ml

| 0 | 2 | 1 | 9 |

3 pints < [ ] ml < 4 pints

Year 5 Greater Depth

9a. Circle the measurements that are less than 42kg.

100lbs	125.8lbs
88.8lbs	99.2lbs
76.8lbs	54.9lbs
92.01lbs	93.5lbs

5 VF

9b. Circle the measurements that are greater than 33lbs.

12.8kg	5.78kg
20.91kg	65.49kg
10.53kg	17.98kg
30.76kg	5.96kg

5 VF

10a. True or false?

8 inches = 21.32cm

5 VF

10b. True or false?

15.24 cm = 6 inches

5 VF

11a. Circle the measurement that is equivalent to 2.5 pints.

1,420ml	14.20ml
1,204ml	12.04ml

11b. Circle the measurement that is equivalent to 6.3 pints.

35.784ml	357.84ml
3,574ml	3,578.4ml

7a. Which weight is the odd one out? Why?

1.65kg   600g   1.1lbs

- Two bags of flour
- Five packets of biscuits
- Six tins of beans

7b. Which weight is the odd one out? Why?

0.25kg   0.9lbs   1000g

- Eight packs of spaghetti
- Six bags of sugar
- Two tins of syrup

8a. Use all four digit cards to find four different solutions to this statement.

| 1 | 2 | 5 | 4 |

2.5 pints   >   ☐   ml

8b. Use all four digit cards to find four different solutions to this statement.

| 1 | 2 | 5 | 6 |

2.2 pints   <   ☐   ml   <   2.8 pints