Name:

Exam Style Questions

Imperial Units

Corbettmaths

Ensure you have: Pencil, pen, ruler, protractor, pair of compasses and eraser

You may use tracing paper if needed

Guidance

1. Read each question carefully before you begin answering it.
2. Don't spend too long on one question.
3. Attempt every question.
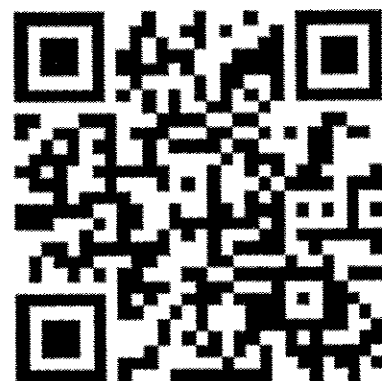4. Check your answers seem right.
5. Always show your workings

Revision for this topic

www.corbettmaths.com/contents

Video 348a

Video 348b

Video 348c

$1 \text{ gallon} = 8 \text{ pints}$

1. Convert 24 pints into gallons

$$24 \div 8$$

...........3........... gallons

(1)

2. Convert 8 gallons into pints

$$8 \times 8$$

.......64........ pints

(1)

3. Convert 10 pints into gallons

$$10 \div 8$$

...........1·25.......... gallons

(1)

4. Convert 0.452 gallons into pints

$$0.452 \times 8$$

3·616
.... pints

(1)

14 pounds = 1 stone

5. Convert 5 stone into pounds

$$5 \times 14$$

.......70........... pounds

(1)

6. Convert 42 pounds into stone

$$42 \div 14$$

...........3........... stone

(1)

7.	Convert 16.5 stone into pounds

16.5×14

........231........ pounds

(1)

8.	Convert 192.5 pounds into stone

$192.5 \div 14$

........13.75........ stone

(1)

16 ounces = 1 pound

9.	Convert 4 pounds into ounces.

4×16

........64........ ounces

(1)

10.	Convert 160 ounces into pounds.

$160 \div 16$

........10........ pounds

(1)

11.	Convert 1.5 stone into ounces.

1.5 Stone = 21 pounds

21×16

........336........ ounces

(1)

12.	Convert 1344 ounces into stone.

$1344 \div 16 = 84$ pounds

$84 \div 14 = 6$

........6........ stone

(1)

19. Convert 2 miles into yards

$$2 \times 1760$$

3520
.... yards

(1)

20. Convert 1 mile into feet

1 mile = 1760 yards

$1760 \times 3 = 5280$

5280
.... feet

(1)

21.

Rhys

Rebecca

5 foot 2 inches

61 inches

Who is taller?
You must show your working

1 foot = 12 inches

5 foot = 60 inches

Rhys is 62 inches tall

Rebecca is 61 inches tall

.......Rhys.......

(2)

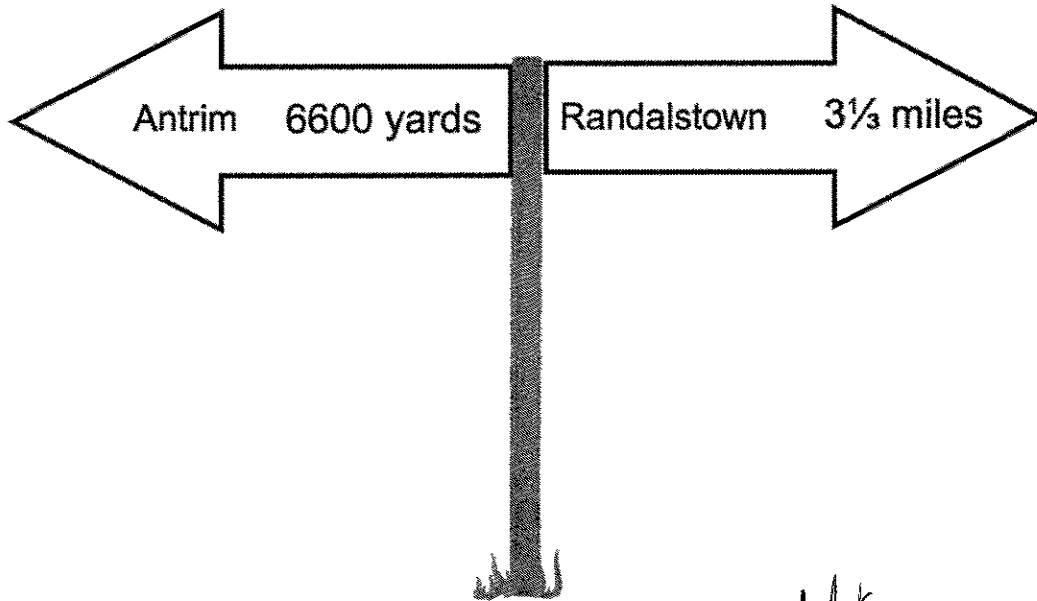22. Write these measurements in order of size, smallest first.

240 inches   4 yards   15 feet

$240 \div 12 = 20$ feet $4 \times 3 = 12$ feet

4 yards , 15 feet , 240 inches

(2)

23.

Antrim   6600 yards   Randalstown   3⅓ miles
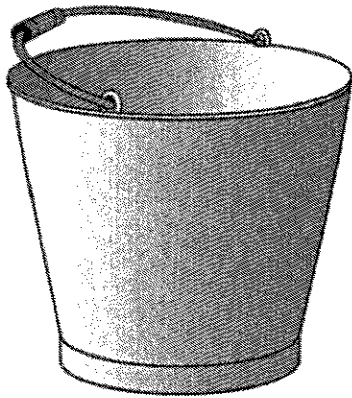
Which town is further away?
You must show your working

Randalstown

$3\frac{1}{3} \times 1760 = 5866.6$ yards

Antrim
6600 yards

Randalstown
(2)

24.   Clive is filling jugs from a 2.2 gallon bucket of milk.

2.2 gallons

0.75 pints

Each jug holds 0.75 pints of milk.

How many jugs can be filled completely?

$$2.2 \times 8 = 17.6 \text{ pints}$$

$$17.6 \div 0.75 = 23.46666\ldots$$

23 jugs

(3)