

Name:

Exam Style Questions

Imperial Units



Equipment needed: Ruler, Pencil, Calculator and Pen

Guidance

1. Read each question carefully before you begin answering it.
2. Check your answers seem right.
3. Always show your workings

Video Tutorial

www.corbettmaths.com/contents

Videos 348a, 348b, 348c



Answers and Video Solutions



1. Convert 24 pints into gallons



1 gallon = 8 pints

..... gallons
(1)

2. Convert 8 gallons into pints



1 gallon = 8 pints

..... pints
(1)

3. Convert 10 pints into gallons



1 gallon = 8 pints

..... gallons
(1)

4. Convert 0.452 gallons into pints



1 gallon = 8 pints

..... pints
(1)

5. Convert 5 stone into pounds



1 stone = 14 pounds

..... pounds
(1)

6. Convert 42 pounds into stone



1 stone = 14 pounds

..... stone
(1)

7. Convert 16.5 stone into pounds



1 stone = 14 pounds

..... pounds
(1)

8. Convert 192.5 pounds into stone



1 stone = 14 pounds

..... stone
(1)

9. Convert 4 pounds into ounces.



1 pound = 16 ounces

..... ounces
(1)

10. Convert 160 ounces into pounds.



1 pound = 16 ounces

..... pounds
(1)

11. Convert 1.5 stone into ounces.



1 stone = 14 pounds
1 pound = 16 ounces

..... ounces
(1)

12. Convert 1344 ounces into stone.



1 stone = 14 pounds
1 pound = 16 ounces

..... stone
(1)

13. Convert 13 yards into feet.



$$1 \text{ yard} = 3 \text{ feet}$$

..... feet
(1)

14. Convert 75 yards into feet.



$$1 \text{ yard} = 3 \text{ feet}$$

..... feet
(1)

15. Convert 9 feet into yards.



$$1 \text{ yard} = 3 \text{ feet}$$

..... yards
(1)

16. Convert 24 inches into feet



$$1 \text{ foot} = 12 \text{ inches}$$

..... feet
(1)

17. Convert 9 feet into inches



1 foot = 12 inches

..... inches
(1)

18. Convert 4 feet into inches



1 foot = 12 inches

..... inches
(1)

19. Convert 2 miles into yards



1 mile = 1760 yards

..... yards
(1)

20. Convert 1 mile into feet



1 mile = 1760 yards
1 yard = 3 feet

..... feet
(1)

21. Rhys is 5 foot 2 inches tall.
Rebecca is 61 inches tall.



There are 12 inches in a foot.

Who is taller?

You must show your working

.....
(2)

22. 5 friends want to ride a rollercoaster.



Albert is 4 foot 5 inches.

Beth is 4 foot 7 inches.

Carl is 4 foot 8 inches.

Dara is 4 foot 4 inches.

Ernie is 4 foot 9 inches.

1 foot = 12 inches

The minimum height to ride the rollercoaster is 54 inches.

What fraction of the friends are tall enough to ride the rollercoaster?

.....
(3)

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



240 inches

4 yards

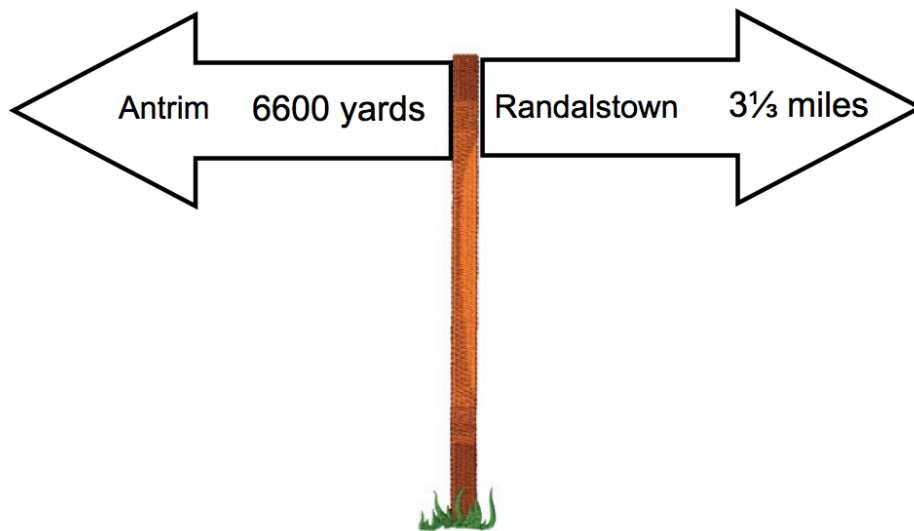
15 feet

1 foot = 12 inches

1 yard = 3 feet

.....
(2)

24. This sign is found on a road between two towns.

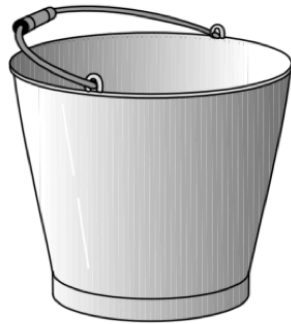


Which town is further away?
You must show your working

1 mile = 1760 yards

.....
(2)

25. Clive is filling jugs from a 2.2 gallon bucket of milk.
Each jug holds 0.75 pints of milk.



2.2 gallons



0.75 pints

There are 8 pints in a gallon.

How many jugs can be filled completely?

.....
(3)

26. Dan is 6 feet 4 inches tall.
Sam is 5 feet tall.



Find Dan's height : Sam's height

Give the ratio in its simplest form.

1 foot = 12 inches

.....
(3)