

Friday Answers

TASK 1:

25 cm

≈

10 inches

7 inches

≈

17.5 cm

250 cm

≈

100 inches

100 inches

≈

250 cm

125 cm

≈

50 inches

13 inches

≈

32.5 cm

7 ft

≈

84 inches

48 inches

≈

4 feet

100 ft

≈

1,200 inches

18 inches

≈

1.5 feet

6.5 ft

≈

78 inches

1,200 inches

≈

100 feet

5 lbs

≈

80 ounces

144 ounces

≈

9 lbs

1000 lbs

≈

16,000 ounces

160 ounces

≈

10 lbs

18.5 lbs

≈

296 ounces

168 ounces

≈

10.5 lbs

4.5 stones

≈

63 lbs

42 lbs

≈

3 stones

$1\frac{1}{4}$ stones

≈

17.5 lbs

7 lbs

≈

0.5 stones

15 stones

≈

210 lbs

280 lbs

≈

20 stones

10 gallons

≈

80 pints

64 pints

≈

8 gallons

15.5 gallons

≈

124 pints

2 pints

≈

$\frac{1}{4}$ gallons

1,000 gallons

≈

8,000 pints

12 pints

≈

1.5 gallons

TASK 2:

3. 5 miles is around 8 kilometres using this we can calculate $2,193 \div 8 = 274.125$, $274.125 \times 5 = 1,370.63$ miles (to nearest 2 decimal places), plus 55 miles of trips, 1,425.63 miles in total.

4. 1,425.63 to the nearest mile is $1,426 \div 40 = 35.65$ gallons of fuel. There are approximately 4.5 litres in a gallon so $35.65 \times 4.5 = 160.43$ litres at £1.20 each = £192.52

5. (1 metre = 3.28 feet)

Venue	Museum	Seaside	Country Park	Shopping Mall	Theme Park
Maximum Space in feet	40'	43'	39.5'	41'	39'
Maximum Space in metres	12.20m	13.11m	12.04m	12.50m	11.89m
Is it suitable?	✓	✓	✓	✓	

6. (100cm in a metre and 1,000kg in a tonne)



7. (2.20lbs in a kg; 4.55 litres in a gallon)

TASK 3:

Item	Per Child	8 children	Imperial	
	750g	$750g \times 8 = 6,000g = 6kg$	6×2.2	
			13.2lbs	lbs
	1.5kg	12kg	$12 \times 2.2 = 26.4lbs$	
			1 stone 12lbs	lbs/st
	0.158kg	1.264kg	1.264×2.2	
			2.78lbs	lbs
	3.5l	28l	$28 \div 4.55$	
			6.15 gallons	gallons
	0.8g	6.4kg	6.4×2.2	
			14lbs (1 stone)	lbs/st