

FRIDAY - LEVEL 3 RPS

1 pound = 16 ounces

1 stone = 14 pounds

$$\begin{array}{r} 16 \times \\ 14 \\ \hline 24 \\ 160 \\ \hline 224 \end{array}$$

Given these facts, how many ounces are in 1 stone?
224

Mr White's car has a fuel tank that can hold 16 gallons of petrol.

a) His tank is a quarter full.

Draw an arrow to show how much petrol is in his tank.



Mr whites tank is nearly empty

b)



Mr White needs another 96 pints of petrol to fill his tank.

Is Annie correct?

Show your working out to support your answer.

Annie is correct because it can hold 16 gallons of petrol and he has a quarter left v and 96 pints=12 gallons and 12+4=16

8a. Lucy is converting from feet and inches to cm.

She says,



1 foot is the same as 12 inches, so 6 feet 5 inches is approximately the same as 77cm.

$$5 \times 2.5 = 12.5$$

$$6 \text{ feet} = 72 \text{ inches} = 72 \times 2.5 = 180 \text{ cm}$$

Is Lucy correct? Explain your answer.

★ $12.5 + 180 = 192.5 \text{ cm}$

9a. Casey is ordering some paint; each colour costs £10 per pint.

Amount Needed	
0.25 gallons white	2pints
3 gallons blue	24pints
0.5 gallons wood stain	4pints

What is the total cost of the paint?

★ £300

1) Ethan, Ibrahim, Kaylee and Shola are packing their suitcases for their holidays. Use the clues to work out who each suitcase belongs to.



Remember that 1 stone = 14 pounds.

2 stone 28 lbs	$2 \frac{1}{2}$ stone	$2 \frac{3}{4}$ stone	3 stone 32 lbs
Name: ethan	Name: sholas	Name: ibrahims	Name: kaylee



Kaylee's suitcase has the greatest mass.



Ethan's suitcase has the smallest mass.



Ibrahim's suitcase is heavier than Shola's suitcase.

