Daily Arithmetic Practise

Monday

1) 50 x 80 =
2) 100 x 9,000 =
3) 5,001 - 702.3 =
4) 300,565 - 90,009 =
5) 8^2 + 100 =

Tuesday

1) 90 x 90 =
2) 10 x 1.3 =
3) 804.1 - 20.42 =
4) 40 + 1,000,000 =
5) 4^2 - 5 =

Wednesday

1. $\frac{1}{6} + \frac{1}{3} + \frac{1}{12}$
2. $\frac{1}{4} \times \frac{2}{7} =$
3. $\frac{1}{10} \times \frac{5}{6}$
4. $5\frac{2}{3} - 4\frac{4}{9}$
5. $3\frac{1}{2} - 1\frac{1}{3}$

Thursday

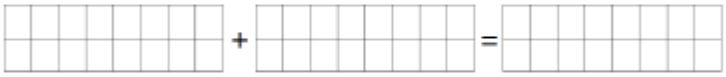
1) 70 ÷ = 0.7
2) 12 - 7.021 =
3) 25 ÷ 10 =
4) 7 - 5.05 =
5) 0.08 x 3=

Friday

1. 70,000 + 2, 159, 476
2. 10% of 2.4 kg
3. 30% of £1.80
4. 0.12 x 9
5. 2.79 ÷ 6

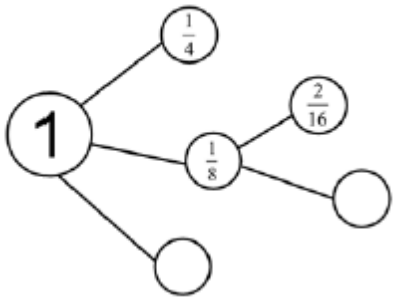
Maths Questions

Shade in the diagram to show that $\frac{5}{8}+\frac{3}{16}=\frac{13}{16}$



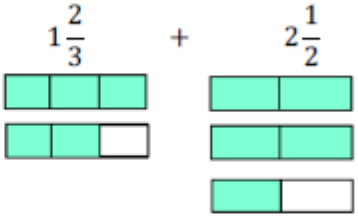
Draw your own diagram to show that $\frac{1}{3}+\frac{2}{9}=\frac{5}{9}$

Complete the part whole model.



Emma uses $\frac{1}{3}$ of her tin of paint on Friday, $\frac{1}{21}$ on Saturday and on Sunday she uses $\frac{2}{7}$.
How much paint does she have left?

Can you split the bar models so each fraction has the same denominator?



How can you use this information to solve the original calculation?

$$a = d - 7$$
$$c + c = 2$$
$$3 \times 4 = d$$
$$b = a - 3$$

Use this information to complete the following calculation and find the value of e.

$$a\frac{c}{b} - 3\frac{c}{d} = e\frac{a}{d}$$

Can you complete the calculation using the same digit?

$$\frac{\square}{5}+\frac{1}{\square}=\frac{9}{10}$$

Shelden subtracted $\frac{3}{5}$ from a fraction and his answer was $\frac{8}{45}$. What was the original question?

Amy answered the following calculation:

$$\frac{3}{6}+\frac{1}{15}=\frac{4}{21}$$

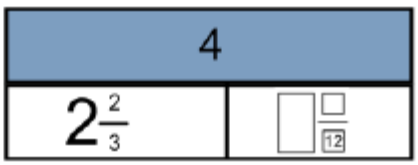
Do you agree with her? Explain your answer.

If you don't agree with Amy, what should the answer be?

Complete the calculation.

$$\square\frac{\square}{\square} = 3\frac{1}{2} + 1\frac{1}{4}$$

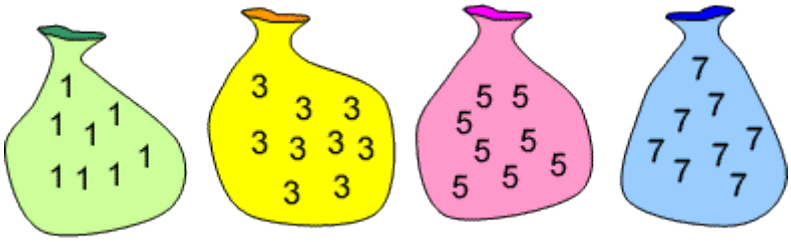
Complete the bar model.



Tina has $3\frac{2}{3}$ bags left of bird feed. She uses $1\frac{4}{6}$.
How much will she have left?

Maths Investigation

Four bags contain a large number of 1s, 3s, 5s and 7s.



Can you pick any ten numbers from the bags above so that their total is 37?

Hints

- What do you know about adding two odd numbers together?
- Do you get a number that is always one more of one less than 37?
- Think about your order of operations, and power of numbers to help you solve this.