

Tuesday 21.4.2020

WALT: Compare and contrast fractions whose denominators are multiples of the same number.

Arithmetic:

$$43 \times 5 =$$

$$\frac{3}{7} + \frac{3}{7} =$$

$$72 \div 8 =$$

$$80 \div 1 =$$

$$499 + 50 =$$

$$\begin{array}{r} 354 \\ + 263 \\ \hline \end{array}$$

Add the fractions below graphically and by using equivalent fractions (The first one is done for you).

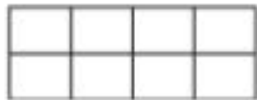
$$\frac{1}{2} + \frac{1}{4}$$



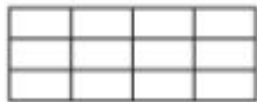
$$\frac{1}{2} = \frac{2}{4}$$

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

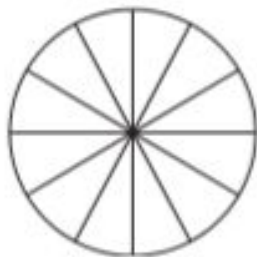
$$\frac{1}{4} + \frac{1}{8}$$



$$\frac{1}{3} + \frac{1}{4}$$

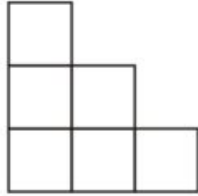


$$\frac{1}{2} + \frac{1}{3}$$

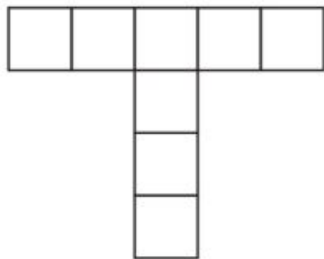


**Reasoning:**

Shade **one third** of this shape.



Shade **one quarter** of this shape.



**Activity:**

Write  $<$ ,  $>$  or  $=$  between each pair of fractions. Remember to change them to **equivalent fractions**.

See work from yesterday or last term if you have forgotten how to do this.

1)  $\frac{2}{3}$    $\frac{4}{5}$

2)  $\frac{5}{6}$    $\frac{5}{8}$

3)  $\frac{6}{7}$    $\frac{3}{4}$

4)  $\frac{7}{15}$    $\frac{14}{30}$

5)  $\frac{1}{4}$    $\frac{3}{14}$

6)  $\frac{2}{3}$    $\frac{3}{5}$

7)  $\frac{5}{7}$    $\frac{7}{9}$

8)  $\frac{3}{11}$    $\frac{1}{3}$

**Answers:**

**Arithmetic:**

215

$\frac{6}{7}$

9

5274

767

30

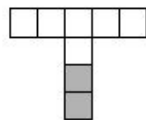
**Reasoning:**

(a) Equivalent of 2 squares shaded, eg



*Accept part squares shaded as long as the intention is clear.*

(b) Equivalent of 2 squares shaded, eg



*Accept part squares shaded as long as the intention is clear.*

*Accept inaccuracies in shading providing the intention is clear.*

**Activity:**

1)  $\frac{2}{3} < \frac{4}{5}$     2)  $\frac{5}{6} > \frac{5}{8}$     3)  $\frac{6}{7} > \frac{3}{4}$     4)  $\frac{7}{15} =$

$\frac{14}{30}$

5)  $\frac{1}{4} > \frac{3}{14}$     6)  $\frac{2}{3} > \frac{3}{5}$     7)  $\frac{5}{7} < \frac{7}{9}$     8)  $\frac{3}{11} < \frac{1}{3}$