

Maths

Activity 1: Watch the video on comparing fractions (on the Year 5 Home Learning Ash Grove page). Then complete the worksheet below.

Activity 2: Watch the video on order fractions (on the Year 5 Home Learning Ash Grove page). Then complete the worksheet below.

Maths Skills Practise:

Arithmetic

Monday	Tuesday	Wednesday	Thursday	Friday
$5463 + 1272$	$7723 + 2119$	$5873 + 7301$	$2391 + 5621$	$8239 + 7251$
$6234 - 1128$	$5891 - 2332$	$9321 - 4382$	$4295 - 3286$	$6301 - 2512$
36×25	84×31	97×63	88×71	95×27
$428 \div 7$	$945 \div 3$	$786 \div 6$	$645 \div 5$	$378 \div 9$
$\frac{1}{4}$ of 36	$\frac{1}{5}$ of 55	$\frac{1}{3}$ of 96	$\frac{1}{6}$ of 72	$\frac{1}{10}$ of 60

Reasoning & Problem Solving

Try any of the challenges on this website:

<http://www.iseemaths.com/lessons56/>

Challenge:

Have you got change?

The other day I was asked if I could change a 50 pence piece. I had more than 50 pence in coins in my pocket but I could not make exactly 50 pence.



Can you find several ways this could happen?

What is the largest amount I could have had in my pocket?

Activity 1 – Comparing Fractions

1. Luke says, 'If the numerators of a fraction are the same but the denominators are different then the larger the denominator, the larger the fraction.' Correct or incorrect? Why?

2. Use > and < to compare these fractions

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

$$\frac{2}{3} \bigcirc \frac{5}{9}$$

$$\frac{7}{16} \bigcirc \frac{3}{8}$$

3. Sarah has read $\frac{6}{8}$ of her book, James has read $\frac{11}{16}$ of his book. Who has read the most?

Challenge:

What could the missing numerator be?

$$\frac{3}{5} < \frac{\boxed{}}{15} < \frac{9}{10}$$

Write all four possibilities.

$$\frac{\boxed{}}{15}$$

$$\frac{\boxed{}}{15}$$

$$\frac{\boxed{}}{15}$$

$$\frac{\boxed{}}{15}$$

Activity 2 - Ordering fractions

Order these fractions from smallest to largest (Remember if the numerators are the same the larger the denominator, the smaller the fraction)

$$\frac{2}{5}, \frac{2}{7}, \frac{2}{3}, \frac{2}{4}, \frac{2}{10} \quad \square \quad \square \quad \square \quad \square \quad \square$$

Order these fractions from smallest to largest

$$\frac{3}{5}, \frac{7}{10}, \frac{1}{2}, \frac{3}{10}, \frac{1}{5} \quad \square \quad \square \quad \square \quad \square \quad \square$$

Jake says that these fractions are in order from smallest to largest because the denominators go from smallest to largest. Correct or incorrect. Why?

$$\frac{2}{3}, \frac{5}{6}, \frac{7}{12}$$

Challenge

These fractions are ordered from smallest to largest. What could the numerator under the smiley face be?

$$\frac{5}{8}, \frac{\text{smiley face}}{16}, \frac{3}{4}$$