



Class 4 Weekly News

This week, Class 4 have continued to deepen their knowledge and understanding of Sikhism, learning about the Khalsa and Vaisakhi. In English this week, the children have developed their knowledge of colons and semi colons and put the finishing touches to their information text plans on Wolves, which they will write next week. In Reading this week, Year 5 and 6 analysed an extract from Macbeth and used the Vocabulary and Inference VIPERS to challenge their understanding of what they were reading. In Maths this week, Class 4 consolidated their knowledge of equivalent fractions: finding equivalent fractions and working out whether a set of fractions were equivalent or not. The children have also worked very hard this week converting improper fractions to mixed numbers (work below).

Shade $\frac{1}{4}$ of this shape. Tick the shapes that are exactly one half shaded.

Here are three shapes made from regular hexagons. Write the fraction of each shape that is shaded. Find the shapes that are exactly $\frac{3}{4}$ shaded.

$\frac{5}{15} = \frac{1}{3}$ ✓ ② $\frac{4}{6} = \frac{2}{3}$ ✓ ⑧ $\frac{8}{12}$ ✓ ⑩ $\frac{7}{3} = 2\frac{1}{3}$ ✓

$\frac{3}{5} = \frac{12}{20}$ ✓ ⑤ $\frac{2}{18} = \frac{1}{9}$ ✓ ⑥ $\frac{9}{4} = 2\frac{1}{4}$ ✓

What - solve problems involving equivalent fractions.

① $\frac{2}{11} = \frac{4}{22}$ ✓ ③ $\frac{3}{4} = \frac{9}{12}$ ✓ ⑤ $\frac{2}{9} = \frac{6}{27}$ ✓

② $\frac{1}{9} = \frac{10}{90}$ ✓ ④ $\frac{5}{10} = \frac{60}{120}$ ✓ ⑥ $\frac{7}{10} = \frac{70}{100}$ ✓

$\frac{3}{4} = \frac{9}{12}$ ✓ $\frac{9}{28} = \frac{1}{2} \times \frac{10}{28}$ ✓

Tick (✓) each shape that is exactly $\frac{1}{2}$ shaded.

Tick the shapes that are shaded one third.

This diagram shows a shaded rectangle surrounded by squares. Shade $\frac{1}{5}$ of this shape.

What fraction of the diagram is shaded? $\frac{3}{15}$ ✓

Amir has drawn some 2D shapes.

① What fraction of the shapes are triangles? $\frac{1}{7}$ ✓

② What fraction of the shapes are squares? $\frac{4}{7}$ ✓

③ What fraction of the shapes have four sides? $\frac{5}{7}$ ✓

④ $\frac{1}{2} = \frac{2}{4}$ ✓ ⑤ $\frac{2}{4} = \frac{4}{8}$ ✓ ⑥ $\frac{6}{8} = \frac{3}{4}$ ✓

⑦ $\frac{1}{2} = \frac{4}{8}$ ✓ ⑧ $\frac{2}{8} = \frac{1}{4}$ ✓ ⑨ $\frac{4}{4} = \frac{9}{9}$ ✓

Shade the shapes to show the equivalent fractions.

① $\frac{1}{4} = \frac{3}{12}$ ✓

② $\frac{3}{4} = \frac{9}{12}$ ✓

③ $\frac{1}{6} = \frac{2}{12}$ ✓

④ $\frac{5}{6} = \frac{10}{12}$ ✓

a $\frac{13}{16}$ ✓ b $\frac{10}{14} = \frac{5}{7}$ ✓

c $\frac{13}{15}$ ✓ d $\frac{13}{17}$ ✓

e $\frac{5}{2}$ ✓ f $\frac{29}{8} = 3\frac{5}{8}$ ✓

g $\frac{11}{3}$ ✓ $\frac{37}{12}$ ✓

① $\frac{8}{5} = 1\frac{3}{5}$ ✓ ② $\frac{10}{6} = 1\frac{5}{3}$ ✓ ③ $\frac{5}{3} = 1\frac{2}{3}$ ✓ ④ $\frac{9}{4} = 2\frac{1}{4}$ ✓

⑤ $\frac{13}{5} = 2\frac{3}{5}$ ✓ ⑥ $\frac{15}{7} = 2\frac{1}{7}$ ✓ ⑦ $\frac{24}{10} = 2\frac{4}{5}$ ✓ ⑧ $\frac{19}{4} = 4\frac{3}{4}$ ✓

⑨ $\frac{9}{2} = 4\frac{1}{2}$ ✓ ⑩ $\frac{15}{4} = 3\frac{3}{4}$ ✓ ⑪ $\frac{18}{8} = 2\frac{3}{4}$ ✓ ⑫ $\frac{50}{12} = 4\frac{2}{3}$ ✓

⑬ $2\frac{1}{3} = \frac{7}{3}$ ✓ ⑭ $2\frac{4}{5} = \frac{14}{5}$ ✓ ⑮ $3\frac{1}{4} = \frac{25}{4}$ ✓ ⑯ $3\frac{3}{4} = \frac{15}{4}$ ✓

⑰ $2\frac{2}{9} = \frac{20}{9}$ ✓ ⑱ $4\frac{1}{2} = \frac{9}{2}$ ✓ ⑲ $4\frac{6}{10} = \frac{46}{10}$ ✓ ⑳ $5\frac{9}{2} = \frac{17}{2}$ ✓

㉑ $6\frac{3}{4} = \frac{27}{4}$ ✓ ㉒ $7\frac{3}{5} = \frac{38}{5}$ ✓