

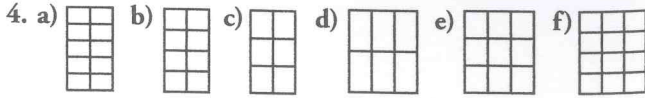
Answers

Grade 5 Chapter 12 Skills Bank

1. a) 2 b) 10

2. 2; 4; 12

3. a) $\frac{1}{3}$ and $\frac{4}{12}$ b) $\frac{2}{3}$ and $\frac{4}{6}$ c) $\frac{6}{10}$ and $\frac{3}{5}$



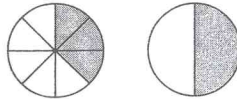
5. Glynis ate $\frac{5}{12}$ of a pizza, Anna ate $\frac{5}{10}$ of a pizza, and Martin ate $\frac{5}{6}$ of a pizza. Since $\frac{5}{10}$ is equivalent to $\frac{1}{2}$, Anna ate half a pizza.

6. a) The denominators are the same, the fraction with the lesser numerator is the lesser fraction, so $\frac{3}{6} < \frac{5}{6}$.

b) The numerators are the same and the denominators are different. The fraction with the lesser denominator is the greater fraction, so $\frac{3}{5} > \frac{3}{7}$.

c) The numerators are the same and the denominators are different. The fraction with the lesser denominator is the greater fraction, so $\frac{1}{4} > \frac{1}{12}$.

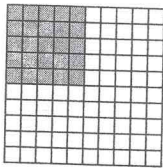
d) The fraction circles show that $\frac{1}{2}$ is larger than $\frac{3}{8}$, so $\frac{3}{8} < \frac{1}{2}$.



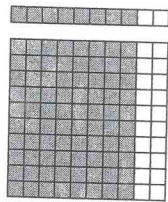
7. a) $\frac{28}{8}$; $3 \frac{4}{8}$ b) $\frac{8}{6}$; $1 \frac{2}{6}$

8. $\frac{7}{3}$ h; $2 \frac{1}{3}$ h

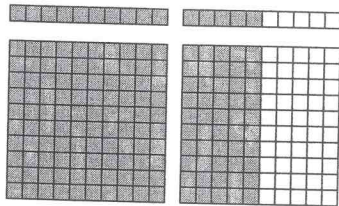
9. a) $\frac{1}{4} = \frac{25}{100}$



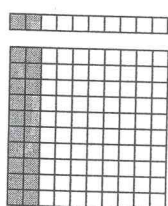
b) $\frac{4}{5} = \frac{8}{10}$ or $\frac{80}{100}$



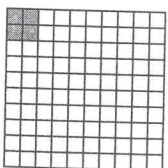
c) $\frac{3}{2} = \frac{15}{10}$ or $\frac{150}{100}$



d) $\frac{1}{5} = \frac{2}{10}$ or $\frac{20}{100}$



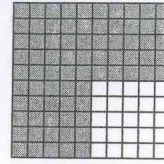
e) $\frac{1}{25} = \frac{4}{100}$



10. a) $\frac{1}{2} = 0.5$



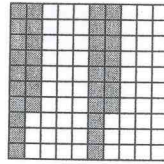
b) $\frac{3}{4} = 0.75$



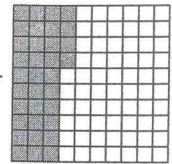
c) $\frac{3}{5} = 0.6$



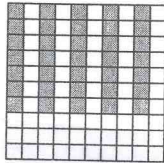
d) $\frac{17}{50} = \frac{34}{100}$



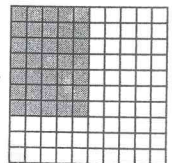
or



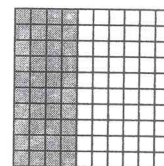
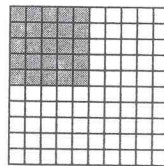
e) $\frac{7}{20} = \frac{35}{100}$



or



11. $\frac{1}{4} = 0.25$ and $0.4 = \frac{4}{10}$. Therefore, $\frac{1}{4}$ is not equivalent to $\frac{4}{10}$. Simon is wrong. We can see this on the hundredth charts below.



$\frac{1}{4} = 0.25$

$0.4 = \frac{4}{10} = \frac{40}{100}$

12. a) Express each as a decimal equivalent and then compare and order the decimal numbers.

protein = $\frac{3}{100} = 0.03$

fat = $\frac{1}{50} = \frac{2}{100} = 0.02$

carbohydrates = $\frac{1}{5} = \frac{20}{100} = 0.20$

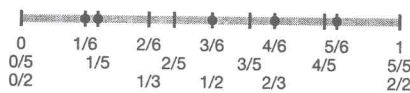
fibre = $\frac{1}{20} = \frac{5}{100} = 0.05$

In order from greatest to least we have,

carbohydrates = $\frac{1}{5}$, fibre = $\frac{1}{20}$,

protein = $\frac{3}{100}$, and fat = $\frac{1}{50}$.

13. a) $\frac{1}{6}, \frac{1}{5}, \frac{1}{2}, \frac{2}{3}, \frac{5}{6}$



b) $\frac{2}{6} = \frac{1}{3}, \frac{1}{2} = \frac{3}{6}, \frac{4}{6} = \frac{2}{3}, 1 = \frac{2}{2} = \frac{3}{3} = \frac{5}{5} = \frac{6}{6}$