

Fractions Strategies

Fraction Circles

AC

EA

AA

AM

AP

I am learning to put fractions in order from smallest to largest.

Exercise 1

Which of the fractions is bigger?

1) $\frac{1}{2}$ or $\frac{1}{3}$

(2) $\frac{1}{4}$ or $\frac{1}{3}$

3) $\frac{1}{2}$ or $\frac{1}{8}$

(4) $\frac{1}{3}$ or $\frac{1}{8}$

5) $\frac{1}{4}$ or $\frac{1}{8}$

(6) $\frac{1}{4}$ or $\frac{1}{2}$

Exercise 2

Write these fractions in order from smallest to biggest:

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

(2) $\frac{1}{4}, \frac{1}{2}, \frac{1}{8}$

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

(4) $\frac{1}{5}, \frac{1}{6}, \frac{1}{4}$

5) $\frac{1}{8}, \frac{1}{6}, \frac{1}{9}$

(6) $\frac{1}{2}, \frac{1}{6}, \frac{1}{4}$

Exercise 3

Which of the fractions is smaller?

1) $\frac{1}{2}, \frac{2}{3}$

(2) $\frac{2}{5}, \frac{3}{4}$

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

(4) $\frac{3}{4}, \frac{2}{3}$

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

(6) $\frac{3}{4}, \frac{4}{5}$

Exercise 4

Write these fractions in order from biggest to smallest:

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

(2) $\frac{2}{3}, \frac{1}{2}, \frac{3}{4}$

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

(4) $\frac{4}{5}, \frac{2}{3}, \frac{3}{4}$

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

(6) $\frac{3}{5}, \frac{3}{4}, \frac{2}{3}$

Exercise Five

- 1) Simon and Jay each order a large pizza each for dinner. Simon eats two-thirds of his pizza, and Jay eats three-fifths of his pizza. Who ate the most pizza?
- 2) Joanne and Gawin are having a cake-baking competition. They both bake chocolate cakes that are the same size. Joanne cuts her cake into fifths, and Gawin cuts his cake into quarters. Whose cake is cut into the biggest pieces?
- 3) Matthew has a bag of lollies. He owes Ethan one third of the lollies. He splits the bag into tenths, and gives Ethan three tenths of the lollies. Ethan complains that he has not been given enough lollies. Is Ethan correct?
- 4) Jacob and Daniel are at the petrol station. Both of their Toyota Starlets have empty petrol tanks. Jacob puts three fifths of a tank of petrol in his car. Daniel puts three quarters of a tank of petrol in his car. Who puts the most petrol in their car?

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Answers

Exercise 1

1) $\frac{1}{2}$

(2) $\frac{1}{3}$

(3) $\frac{1}{2}$

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

(5) $\frac{1}{4}$

(6) $\frac{1}{2}$

Exercise 2

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

(2) $\frac{1}{8}, \frac{1}{4}, \frac{1}{2}$

(3) $\frac{1}{5}, \frac{1}{3}, \frac{1}{2}$

4) $\frac{1}{6}, \frac{1}{5}, \frac{1}{4}$

(5) $\frac{1}{9}, \frac{1}{8}, \frac{1}{6}$

(6) $\frac{1}{6}, \frac{1}{4}, \frac{1}{2}$

Exercise 3

1) $\frac{1}{2}$

(2) $\frac{2}{5}$

(3) $\frac{1}{3}$

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

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

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

Exercise 4

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

(2) $\frac{3}{4}, \frac{2}{3}, \frac{1}{2}$

(3) $\frac{3}{4}, \frac{2}{3}, \frac{2}{5}$

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

(5) $\frac{2}{3}, \frac{3}{5}, \frac{1}{2}$

(6) $\frac{3}{4}, \frac{2}{3}, \frac{3}{5}$

Exercise 5

(1) Simon

(2) Gawin

(3) Yes

(4) Daniel

