

11+ Fast Track Foundations 3

Exercise 1

Underline the verbs in the following sentences.

- 1 The children go to school by bus.
- 2 Bats sleep during the day.
- 3 These toys belong to Kathy.
- 4 Every pupil has a good dictionary.
- 5 Polar bears live at the North Pole.
- 6 Most children learn very fast.
- 7 Mr. Thomas teaches us science.
- 8 The earth goes around the sun.
- 9 We never cross the street without looking.
- 10 Many stores close on Sunday.

Exercise 2

Fill in the blanks with the *simple present tense* of the verbs in parentheses.

- 1 Winter comes after autumn. (come)
- 2 A dog barks. (bark)
- 3 You look tired. (look)
- 4 Everyone makes mistakes. (make)
- 5 Ali works in a department store. (work)
- 6 Judy speaks English very well. (speak)
- 7 Tim's knee hurts. (hurt)
- 8 Monkeys like bananas. (like)
- 9 Kate always eats sandwiches for lunch. (eat)
- 10 He types very fast. (type)

Exercise 1

Fill in the blanks with *am, is or are*.

- 1 They are my good friends.
- 2 He is a soldier.
- 3 You are taller than Charlie.
- 4 She is ill.
- 5 We are very hungry.
- 6 It is a sunny day.
- 7 I am angry with Joe.
- 8 You are all welcome to my house.

Exercise 2

Fill in the blanks with *is or are*.

- 1 John's dog is very friendly.
- 2 Robert is ten years old.
- 3 These flowers are very pretty.
- 4 The two schools are close to each other.
- 5 Math is not a very difficult subject.
- 6 Is dinner ready?
- 7 This computer is very easy to use.
- 8 All the windows are open.
- 9 Sue and Jane are neighbors.
- 10 His hair is curly.

Exercise 3

Fill in the blanks with *There is* or *There are*.

- 1 There is a fence around the barn.
- 2 There are trees along the road.
- 3 There is a rainbow in the sky.
- 4 There are lots of parks in our town.
- 5 There is nothing in the cupboard.
- 6 There are not many bedrooms in the new house.
- 7 There are lots of mistakes on your test paper.
- 8 There is a wasps' nest in the tree.
- 9 There are ants in the cookies.
- 10 There are many different kinds of animals in the zoo.
- 11 There is plenty of food on the table.
- 12 There is a church on the hilltop.
- 13 There is no more water in the pool.
- 14 There are too many people on the beach.
- 15 There are only a few customers in the shop.

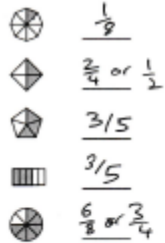
Comprehension Softwoods /Hardwoods

- 1) D
- 2) a
- 3) D
- 4) A
- 5) d
- 6) d
- 7) c

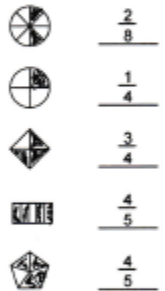
Granting Clifton Wish

- 1) d
- 2) c
- 3) d
- 4) c
- 5) b
- 6) c
- 7) a
- 8) b

What is the Fraction of the Shaded Area?



Shade the Figure with the Indicated Fraction



Equivalent Fractions

$$\frac{3}{4} = \frac{18}{24}$$

$$\frac{4}{6} = \frac{20}{30}$$

$$\frac{1}{2} = \frac{4}{8}$$

$$\frac{1}{6} = \frac{6}{18}$$

$$\frac{1}{4} = \frac{6}{24}$$

Lowest Terms (Reducing Fractions)

$$\frac{6}{12} = \frac{1}{2}$$

$$\frac{10}{20} = \frac{1}{2}$$

$$\frac{8}{12} = \frac{2}{3}$$

$$\frac{20}{50} = \frac{2}{5}$$

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

$$\frac{2}{6} = \frac{1}{3}$$

$$\frac{40}{50} = \frac{4}{5}$$

$$\frac{5}{20} = \frac{1}{4}$$

$$\frac{21}{35} = \frac{3}{5}$$

$$\frac{9}{12} = \frac{3}{4}$$

Converting Improper to Mixed Fractions

$$\frac{10}{4} = 2\frac{2}{4} \text{ or } 2\frac{1}{2}$$

$$\frac{64}{10} = 6\frac{4}{10} = 6\frac{2}{5}$$

$$\frac{11}{2} = 5\frac{1}{2}$$

$$\frac{11}{2} = 5\frac{1}{2}$$

$$\frac{22}{4} = 5\frac{2}{4} \text{ or } 5\frac{1}{2}$$

$$\frac{29}{4} = 7\frac{1}{4}$$

$$\frac{12}{5} = 2\frac{2}{5}$$

$$\frac{17}{3} = 5\frac{2}{3}$$

Converting Mixed to Improper Fractions

$$6\frac{3}{4} = \frac{27}{4}$$

$$9\frac{2}{3} = \frac{29}{3}$$

$$9\frac{2}{5} = \frac{47}{5}$$

$$8\frac{1}{2} = \frac{17}{2}$$

$$7\frac{1}{2} = \frac{15}{2}$$

$$9\frac{2}{3} = \frac{29}{3}$$

$$9\frac{2}{5} = \frac{47}{5}$$

$$6\frac{3}{10} = \frac{63}{10}$$



Adding Simple Fractions

$$\frac{2}{8} + \frac{2}{8} = \frac{4}{8} = \frac{1}{2}$$

$$\frac{5}{11} + \frac{5}{11} = \frac{10}{11}$$

$$\frac{1}{12} + \frac{8}{12} = \frac{9}{12} = \frac{3}{4}$$

$$\frac{1}{6} + \frac{2}{6} = \frac{3}{6} = \frac{1}{2}$$

$$1) \frac{1}{3} + \frac{4}{5} = \frac{12}{15}$$

$$\frac{1}{3} = \frac{5}{15}$$

$$\frac{4}{5} = \frac{12}{15}$$

$$\frac{5}{15} + \frac{12}{15} = \frac{17}{15} = 1\frac{2}{15}$$

$$2) \frac{1}{2} + \frac{3}{5} = \frac{11}{10}$$

$$\frac{1}{2} = \frac{5}{10}$$

$$\frac{3}{5} = \frac{6}{10}$$

$$\frac{5}{10} + \frac{6}{10} = \frac{11}{10} = 1\frac{1}{10}$$

$$3) \frac{5}{10} + \frac{1}{2} = 1$$

$$\frac{5}{10} = \frac{5}{10}$$

$$\frac{1}{2} = \frac{5}{10}$$

$$\frac{5}{10} + \frac{5}{10} = \frac{10}{10} = 1$$



Subtracting Simple Fractions

$$\frac{5}{10} - \frac{1}{10} = \frac{4}{10}$$

$$\frac{2}{3} - \frac{1}{3} = \frac{1}{3}$$

$$\frac{5}{9} - \frac{2}{9} = \frac{3}{9} = \frac{1}{3}$$

$$\frac{3}{10} - \frac{1}{10} = \frac{2}{10} = \frac{1}{5}$$

$$1) \frac{2}{5} - \frac{1}{3} = \frac{1}{3}$$

$$\frac{2}{5} = \frac{10}{15}$$

$$\frac{1}{3} = \frac{5}{15}$$

$$\frac{10}{15} - \frac{5}{15} = \frac{5}{15} = \frac{1}{3}$$

$$2) \frac{4}{5} - \frac{3}{4} = \frac{1}{20}$$

$$\frac{4}{5} = \frac{16}{20}$$

$$\frac{3}{4} = \frac{15}{20}$$

$$\frac{16}{20} - \frac{15}{20} = \frac{1}{20}$$

$$3) \frac{1}{2} - \frac{2}{5} = \frac{1}{10}$$

$$\frac{1}{2} = \frac{5}{10}$$

$$\frac{2}{5} = \frac{4}{10}$$

$$\frac{5}{10} - \frac{4}{10} = \frac{1}{10}$$



Fractions Homework (3)



Multiplying Fractions

$$1) \frac{1}{2} \times \frac{8}{10} = \frac{4}{5}$$

$$2) \frac{9}{10} \times \frac{2}{5} = \frac{9}{25}$$

$$3) \frac{2}{4} \times \frac{2}{3} = \frac{2}{6} = \frac{1}{3}$$

$$4) \frac{1}{4} \times \frac{7}{10} = \frac{7}{40}$$

Dividing Fractions

$$1) \frac{5}{10} \div \frac{4}{5} = \frac{5}{10} \times \frac{5}{4} = \frac{25}{40} = \frac{5}{8}$$

$$2) \frac{1}{5} \div \frac{2}{3} = \frac{1}{5} \times \frac{3}{2} = \frac{3}{10}$$

$$3) \frac{3}{4} \div \frac{6}{10} = \frac{3}{4} \times \frac{10}{6} = \frac{30}{24} = \frac{5}{4} = 2\frac{1}{4}$$

$$4) \frac{1}{2} \div \frac{2}{5} = \frac{1}{2} \times \frac{5}{2} = \frac{5}{4}$$

