

Name: \_\_\_\_\_

Due Date: \_\_\_\_\_

Teacher: \_\_\_\_\_

Parent Sign: \_\_\_\_\_

Questions

1. If half of a strip is shaded and then one-third of that shaded part is taken, what fraction of the whole is taken?

2. A rectangle is  $\frac{3}{4}$  shaded. If you take  $\frac{2}{3}$  of the shaded part, what fraction of the whole do you have?

3.  $\frac{2}{3} \times \frac{1}{2} = ?$

4.  $\frac{4}{5} \times \frac{1}{3} = ?$

5.  $\frac{3}{8} \times \frac{1}{2} = ?$

6.  $\frac{2}{5} \times \frac{3}{4} = ?$

7.  $\frac{5}{6} \times \frac{1}{2} = ?$

8.  $\frac{1}{3} \times \frac{2}{7} = ?$

9.  $\frac{3}{4} \times \frac{3}{5} = ?$

10.  $\frac{2}{3} \times \frac{4}{5} = ?$

11.  $\frac{5}{6}$  of a shape is shaded. If you take  $\frac{3}{5}$  of the shaded part, what fraction of the whole is that?

12.  $\frac{7}{8} \times \frac{2}{7} = ?$

13.  $\frac{4}{9} \times \frac{3}{4} = ?$

14.  $\frac{5}{8} \times \frac{2}{3} = ?$

15.  $\frac{6}{7} \times \frac{1}{6} = ?$

16.  $\frac{3}{10} \times \frac{2}{5} = ?$

17.  $\frac{2}{9} \times \frac{3}{8} = ?$

18.  $\frac{4}{7} \times \frac{5}{6} = ?$

19. On a number line, point P is at  $\frac{1}{2}$ . What is  $\frac{1}{3}$  of that distance? ( $\frac{1}{2} \times \frac{1}{3}$ )

20. On a number line, point Q is at  $\frac{3}{4}$ . What is  $\frac{2}{3}$  of that distance? ( $\frac{3}{4} \times \frac{2}{3}$ )

21. On a number line, point R is at  $\frac{2}{3}$ . What is  $\frac{1}{2}$  of that distance? ( $\frac{2}{3} \times \frac{1}{2}$ )

22.  $\frac{4}{5} \times \frac{1}{4} = ?$

23.  $\frac{5}{6} \times \frac{1}{3} = ?$

24.  $\frac{3}{5} \times \frac{2}{3} = ?$

25.  $\frac{7}{8} \times \frac{3}{7} = ?$

26.  $\frac{2}{5} \times \frac{4}{5} = ?$

27.  $\frac{3}{10} \times \frac{1}{2} = ?$

28.  $\frac{9}{10} \times \frac{1}{3} = ?$

29.  $\frac{4}{9} \times \frac{2}{3} = ?$

30.  $\frac{5}{12} \times \frac{3}{5} = ?$

31.  $\frac{6}{11} \times \frac{2}{3} = ?$



# Math Worksheet for 5th Grade

## Multiplying fractions

Name: \_\_\_\_\_

Due Date: \_\_\_\_\_

Teacher: \_\_\_\_\_

Parent Sign: \_\_\_\_\_

---

32.  $\frac{1}{3} \times \frac{2}{5} = ?$

33.  $\frac{3}{8} \times \frac{3}{4} = ?$

34.  $\frac{2}{7} \times \frac{5}{6} = ?$

35. Compute  $\frac{5}{6} \times \frac{2}{3}$ .

36. Simplify the product  $\frac{5}{6} \times \frac{2}{3}$ .

37. What is  $\frac{2}{3}$  of  $\frac{5}{6}$ ?

38. A pizza:  $\frac{5}{6}$  of it is leftover. You eat  $\frac{2}{3}$  of the leftover. What fraction of the whole pizza did you eat?

39. What is  $\frac{10}{18}$  simplified?

40. Express  $\frac{5}{6} \times \frac{2}{3}$  in lowest terms.

41. If the whole is divided into 9 equal parts, how many parts represent  $\frac{5}{6} \times \frac{2}{3}$ ?

42. What is the numerator of  $\frac{5}{6} \times \frac{2}{3}$  after simplifying?

43. What is the denominator of  $\frac{5}{6} \times \frac{2}{3}$  after simplifying?

44. Is  $\frac{5}{6} \times \frac{2}{3}$  greater than  $\frac{1}{2}$ ? (yes or no)

45. Which is larger:  $\frac{5}{9}$  or  $\frac{1}{2}$ ?

46. Compute  $\frac{2}{3} \times \frac{5}{6}$ .

47. Reduce  $\frac{10}{18}$  to simplest form.

48. You have 5 pieces each of size  $\frac{1}{6}$  of a bar. You take  $\frac{2}{3}$  of those pieces. What fraction of the bar is that?

49. True or False:  $\frac{5}{6} \times \frac{2}{3} = \frac{2}{3} \times \frac{5}{6}$ .

50. Express  $\frac{5}{6} \times \frac{2}{3}$  as a decimal to three decimal places.