

*Understanding* Fractions

Answer key

3.NF.A.1

14 problems

1. A pizza is cut into 4 equal slices. What fraction is one slice?

**Answer**  $\frac{1}{4}$ 

There are 4 equal parts, and one slice is 1 of them:  $\frac{1}{4}$ .

---

2. A chocolate bar is split into 8 equal pieces. What fraction is one piece?

**Answer**  $\frac{1}{8}$ 

There are 8 equal parts, and one piece is 1 of them:  $\frac{1}{8}$ .

---

3. In the fraction  $\frac{2}{3}$ , how many equal parts make the whole?

**Answer** 3 parts

The bottom number (denominator) tells how many equal parts make the whole, so it is 3.

---

4. A rectangle is split into 6 equal parts and 1 part is shaded. What fraction is shaded?

**Answer**  $\frac{1}{6}$ 

1 shaded part out of 6 equal parts is  $\frac{1}{6}$ .

---

5. A circle is split into 4 equal parts and 3 parts are shaded. What fraction is shaded?

**Answer**  $\frac{3}{4}$ 

3 shaded parts out of 4 equal parts is  $\frac{3}{4}$ .

---

6. A rectangle is split into 8 equal parts and 5 parts are shaded. What fraction is shaded?

**Answer**  $\frac{5}{8}$ 

5 shaded parts out of 8 equal parts is  $\frac{5}{8}$ .

---

7. A pan of cornbread is cut into 6 equal pieces and 2 pieces are eaten. What fraction was eaten?

**Answer**  $\frac{2}{6}$ 

2 eaten pieces out of 6 equal pieces is  $\frac{2}{6}$ .

---

8. A rectangle is split into 3 equal parts and 2 parts are shaded. What fraction is **not** shaded?

**Answer**  $\frac{1}{3}$ 

There are 3 equal parts and 2 are shaded, so 1 part is not shaded:  $\frac{1}{3}$ .

---

9. In the fraction  $\frac{3}{8}$ , what does the top number (3) tell you?

**Answer** How many of the equal parts we are counting

The top number (numerator) tells how many of the equal parts we are talking about, here 3.

---

10. A ribbon is divided into 2 equal parts. What fraction is one part?

**Answer**  $\frac{1}{2}$ 

There are 2 equal parts, and one part is 1 of them:  $\frac{1}{2}$ .

---

11. Which fraction means 3 shaded parts out of a whole made of 4 equal parts?

**Answer** B)  $\frac{3}{4}$

Parts counted go on top and total equal parts go on the bottom:  $\frac{3}{4}$ .

---

12. Maria splits a sandwich into 4 equal parts and eats 1 part. What fraction of the sandwich did she eat, and what fraction is left?

**Answer** Ate  $\frac{1}{4}$ ;  $\frac{3}{4}$  is left

She ate 1 of 4 equal parts,  $\frac{1}{4}$ . The other 3 parts remain:  $\frac{3}{4}$ .

---

13. A garden is divided into 6 equal beds. Tomatoes are planted in 4 of the beds. What fraction of the garden has tomatoes?

**Answer**  $\frac{4}{6}$

4 beds out of 6 equal beds is  $\frac{4}{6}$ .

---

14. A loaf of bread is cut into 8 equal slices. The family eats 3 slices at lunch. What fraction of the loaf is left?

**Answer**  $\frac{5}{8}$

3 of 8 slices are eaten, so  $8 - 3 = 5$  slices remain:  $\frac{5}{8}$ .