Introduction to Fractions

Mr.Merrick · Division 2 Mathematics · September 21, 2025

Part A: Name each Fraction

1. $\dfrac{2}{6}$

2. $\dfrac{3}{8}$

3. $\dfrac{3}{2}$

4. $\dfrac{10}{7}$

5. $\dfrac{2}{6}$

6. $\dfrac{5}{12}$

7. $\dfrac{4}{5}$

8. $\dfrac{7}{10}$

9. $\dfrac{7}{20}$

10. $\dfrac{1}{3}$

11. $\dfrac{5}{6}$

12. $\dfrac{3}{12}$

13. $\dfrac{9}{12}$

14. $\dfrac{9}{12}$

15. $\dfrac{4}{9}$

16. $\dfrac{7}{10}$

17. $\dfrac{8}{9}$

18. $\dfrac{5}{16}$
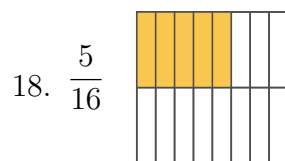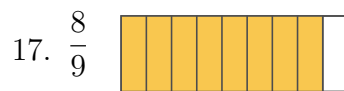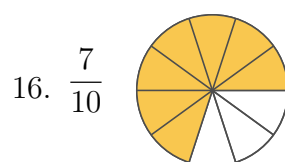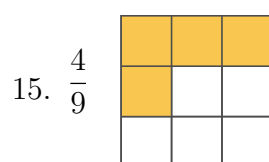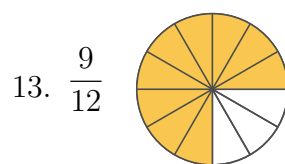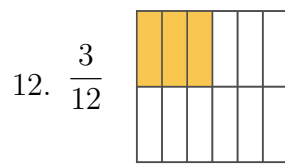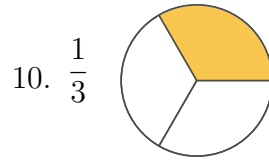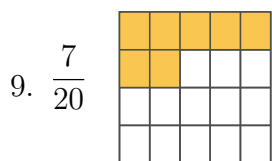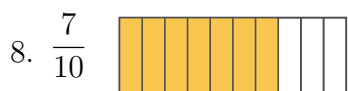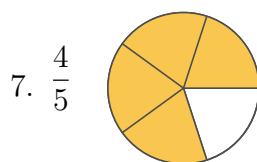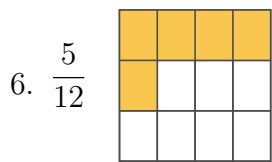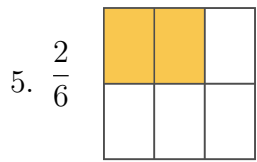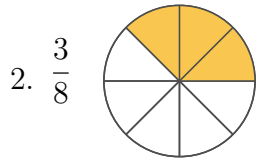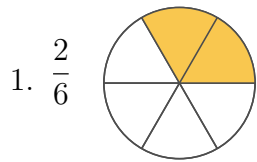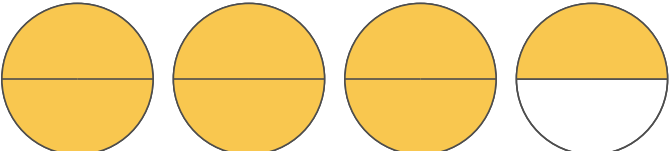
Part B: Fill in each Fraction

1. $\dfrac{2}{9}$

2. $\dfrac{5}{8}$

3. $\dfrac{3}{4}$

4. $\dfrac{7}{10}$

5. $\dfrac{4}{25}$

6. $\dfrac{1}{2}$

7. $\dfrac{5}{6}$

8. $\dfrac{3}{8}$

9. $\dfrac{2}{25}$

10. $\dfrac{9}{12}$

11. $\dfrac{1}{9}$

12. $\dfrac{4}{7}$

13. $\dfrac{2}{5}$

14. $\dfrac{11}{12}$

15. $\dfrac{5}{12}$

16. $\dfrac{7}{10}$

17. $\dfrac{2}{3}$

18. $\dfrac{9}{16}$
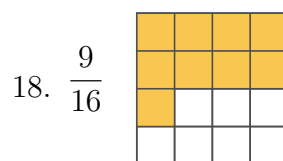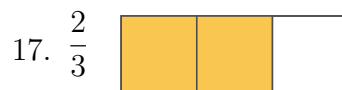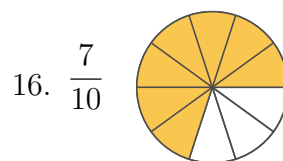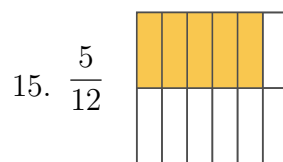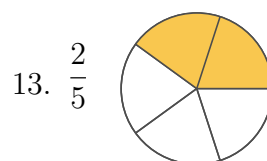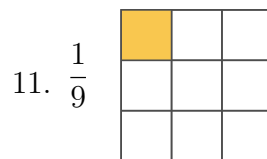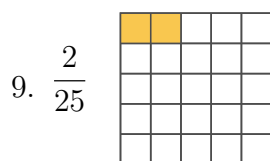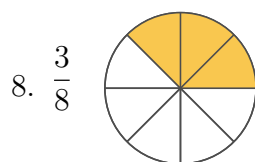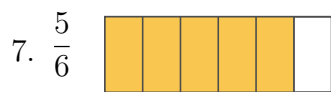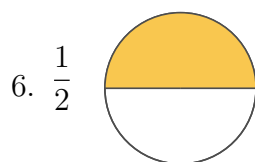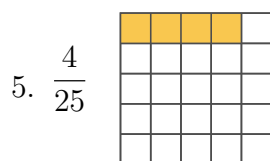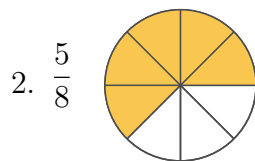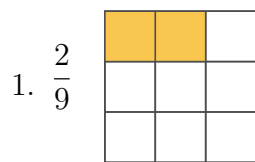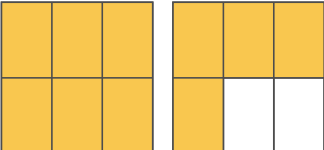
Part C: Improper Fractions — Shade and Decompose
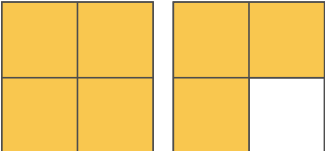
Shade the model to match the improper fraction. Then fill in: How many wholes? How much extra?

1. $\dfrac{7}{2}$

How many wholes?   3

How much extra? $\dfrac{1}{2}$

2. $\dfrac{11}{4}$

How many wholes?   2

How much extra? $\dfrac{3}{4}$

3. $\dfrac{10}{6}$

How many wholes?   1

How much extra? $\dfrac{4}{6}$

4. $\dfrac{9}{5}$

How many wholes?   1

How much extra? $\dfrac{4}{5}$

5. $\dfrac{7}{4}$

How many wholes?   1

How much extra? $\dfrac{3}{4}$

6. $\dfrac{13}{8}$

How many wholes?   1

How much extra? $\dfrac{5}{8}$

7. $\dfrac{5}{3}$

How many wholes?   1

How much extra? $\dfrac{2}{3}$

8. $\dfrac{15}{9}$

How many wholes?   1

How much extra? $\dfrac{6}{9}$

1. $\dfrac{7}{3}$ *How many wholes?*   2

      How much extra? $\dfrac{1}{3}$

2. $\dfrac{14}{5}$ *How many wholes?*   2

      How much extra? $\dfrac{4}{5}$

3. $\dfrac{9}{8}$ *How many wholes?*   1

      How much extra? $\dfrac{1}{8}$
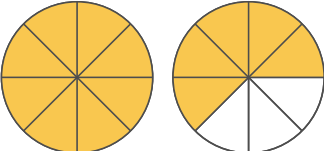
4. $\dfrac{5}{2}$ *How many wholes?*   2

      How much extra? $\dfrac{1}{2}$

5. $\dfrac{16}{6}$ *How many wholes?*   2

      How much extra? $\dfrac{4}{6}$

6. $\dfrac{11}{9}$ *How many wholes?*   1

      How much extra? $\dfrac{2}{9}$

7. $\dfrac{19}{8}$ *How many wholes?*   2

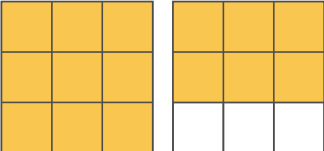   *How much extra?* $\dfrac{3}{8}$

8. $\dfrac{12}{7}$ *How many wholes?*   1
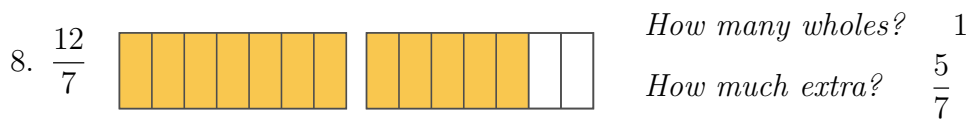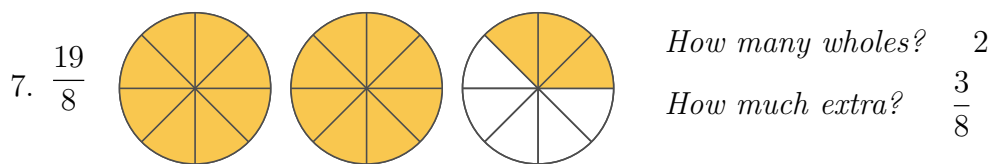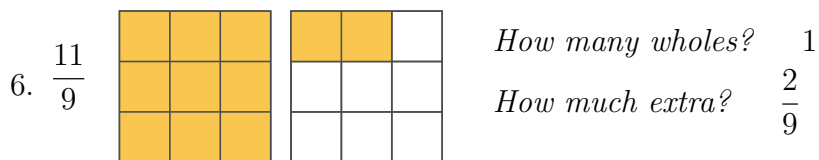
      How much extra? $\dfrac{5}{7}$
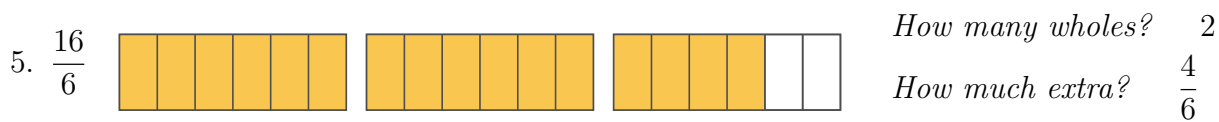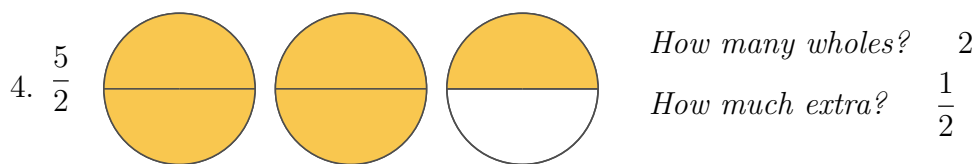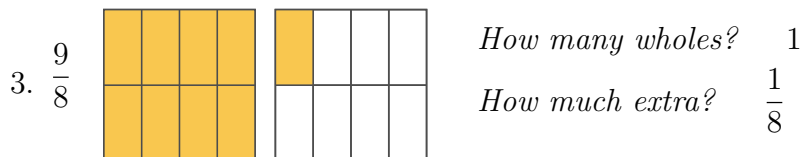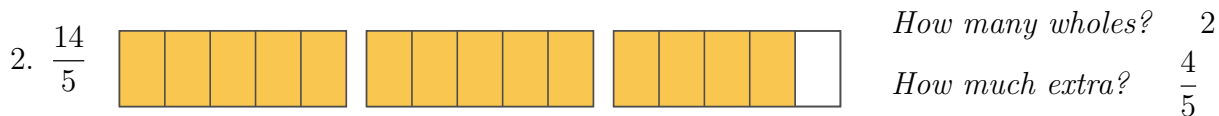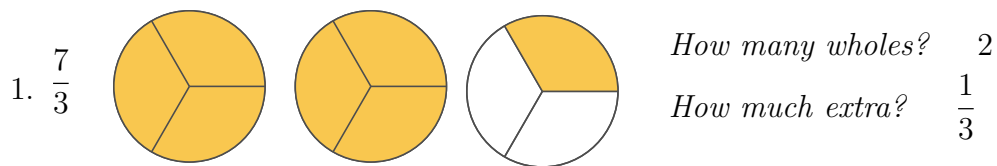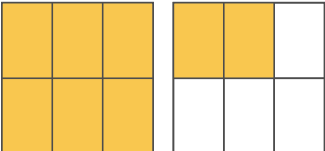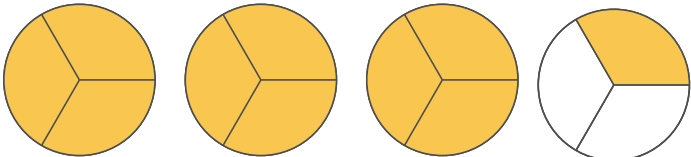
Part D: Mixed Numbers — Shade and Convert to Improper
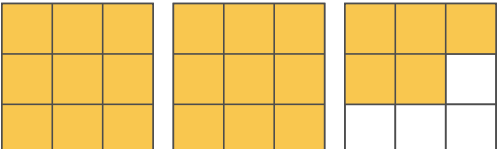
Shade the model to match the mixed number. Then write the equivalent improper fraction.

1. $2\frac{3}{4}$ *Improper fraction:* $\frac{11}{4}$

2. $1\frac{2}{6}$ *Improper fraction:* $\frac{8}{6}$

3. $3\frac{1}{3}$ *Improper fraction:* $\frac{10}{3}$

4. $1\frac{2}{3}$ *Improper fraction:* $\frac{5}{3}$

5. $2\frac{5}{9}$ *Improper fraction:* $\frac{23}{9}$

6. $1\frac{7}{8}$ *Improper fraction:* $\frac{15}{8}$

7. $2\frac{5}{8}$ *Improper fraction:* $\frac{21}{8}$

8. $2\frac{3}{16}$ *Improper fraction:* $\frac{35}{16}$

1. $1\frac{3}{4}$ *Improper fraction:* $\frac{7}{4}$

2. $3\frac{1}{2}$ *Improper fraction:* $\frac{7}{2}$

3. $1\frac{4}{6}$ *Improper fraction:* $\frac{10}{6}$
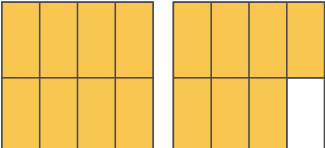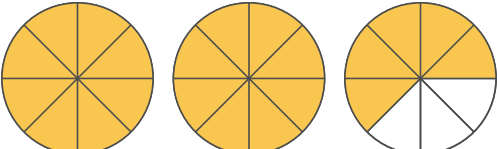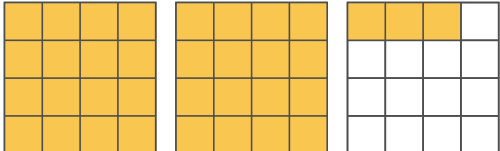
4. $2\frac{2}{5}$ *Improper fraction:* $\frac{12}{5}$

5. $\frac{5}{6}$ *Improper fraction:* $\frac{5}{6}$

6. $3\frac{7}{8}$ *Improper fraction:* $\frac{31}{8}$

7. $2\frac{4}{7}$ *Improper fraction:* $\frac{18}{7}$

8. $4\frac{3}{8}$ *Improper fraction:* $\frac{35}{8}$