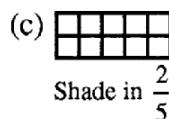
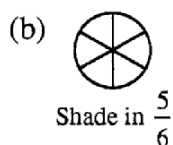
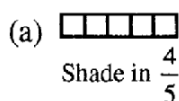


Fractions

Q1. Redraw the figures below and shade in the amount shown:



Q2. Change the following to equivalent fractions:

(a) $\frac{2}{3} = \frac{\square}{9}$

(b) $\frac{3}{4} = \frac{\square}{8}$

(c) $\frac{4}{5} = \frac{\square}{15}$

Q3. Write the following as simple fractions (Hint: divide top and bottom of each fraction by 3):

(a) $\frac{6}{15}$

(b) $\frac{9}{12}$

(c) $\frac{3}{9}$

(d) $\frac{15}{18}$

Q4. Change these mixed fractions to improper fractions:

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

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

(c) $1\frac{2}{5}$

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

Q5. Change these improper fractions to mixed fractions:

(a) $\frac{9}{2}$

(b) $\frac{12}{5}$

(c) $\frac{13}{3}$

(d) $\frac{15}{7}$

Q6. Find: (a) $\frac{5}{7} + \frac{1}{7}$ (b) $\frac{7}{15} + \frac{4}{15}$ (c) $\frac{1}{4} + \frac{1}{8}$

Q7. Find: (a) $\frac{9}{10} - \frac{2}{10}$ (b) $\frac{17}{20} - \frac{6}{20}$ (c) $\frac{5}{6} - \frac{1}{3}$

Q8. Find: (a) $\frac{1}{5} \times 5$ (b) $2 \times \frac{3}{4}$ (c) $\frac{4}{5} \times \frac{1}{3}$

Q9. Find: (a) $\frac{1}{4}$ of 12 (b) $\frac{1}{3}$ of 12 (c) $\frac{1}{6}$ of 12

Q10. (a) What fraction is 15 minutes of 1 hour?

(b) What fraction is 4 days of 1 week?

(c) What fraction is 17 cents of \$1.00?

Fractions

- Q1. Jean has \$20 and spends $\frac{1}{4}$ of it on a film and $\frac{3}{5}$ of it on a tea shirt. How much money does she have left?
- Q2. Bob spends $\frac{3}{8}$ of his pocket money on food and $\frac{1}{3}$ of it on a present for his sister. What fraction of his pocket money remains?
- Q3. It takes $\frac{3}{8}$ of a bottle of lemonade to fill a large glass. How many glasses can be filled from 15 bottles?
- Q4. If 5 pizzas are shared equally among 8 people, how much does each person receive?
- Q5. If it takes Peter $\frac{3}{4}$ of an hour to write one page of an essay, how long will it take to write 7 pages?
- Q6. Mrs. Stanton had one third of a cheesecake leftover. She shared this equally among her 4 children. What fraction of the cake did they each receive?
- Q7. One third of a bottle can hold 400 mL of water. How much water will the bottle hold when it is $\frac{3}{4}$ full?
- Q8. Jenny saves $\frac{2}{3}$ of her weekly pocket money. Of the remainder, she spends $\frac{1}{4}$ of it on icecreams. What fraction of the total pocket money does she spend on icecreams?
- Q9. Steve is taxed $\frac{1}{3}$ of his weekly wages. He saves $\frac{1}{8}$ of what is left over. If he saves \$40 every week, how much does he earn each week before he is taxed?
- Q10. Anne plays tennis for exactly the same length of time each day. During 5 days she plays for a total of $11\frac{3}{4}$ hours. How much does she play each day?
- Q11. The Cosmo under 12 soccer team won 15 out of 21 of its matches. If $\frac{2}{3}$ of these wins were won by more than 1 goal, what fraction of all the matches were won by more than 1 goal?