

1. Write a fraction that is equivalent to $\frac{4}{32}$.

2. What is the side length of a square that has an area of 225cm²?

3. What is the side length of a square that has an area of $6.25m^2$?

4. Solve the following:

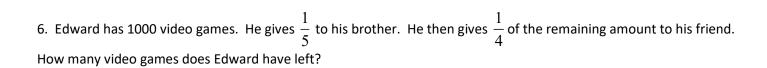
a)
$$1\frac{1}{3} \times 2\frac{1}{7}$$
 b) $3\frac{3}{5} \times 2\frac{1}{3}$ c) $2\frac{3}{4} \times 1\frac{2}{3}$

d)
$$-1\frac{5}{6} \div 3\frac{3}{4}$$
 e) $-1\frac{3}{4} \div 2\frac{3}{5}$ f) $2\frac{3}{5} \div \left(-4\frac{8}{9}\right)$

5. Solve the following:

a)
$$2\frac{1}{2}-5\frac{2}{5}$$
 b) $4\frac{2}{3}-7\frac{5}{6}$ c) $9\frac{5}{8}-\left(-7\frac{2}{3}\right)$

d)
$$-2\frac{4}{9}+5\frac{1}{5}$$
 e) $6\frac{2}{5}+3\frac{1}{3}$ f) $-4\frac{3}{4}+\left(-2\frac{5}{6}\right)$



7. The LCI Rams Basketball Team has \$10000 in their bank account. From this amount, they budget $\frac{1}{2}$ for travel

expenses, $\frac{1}{4}$ for league expenses and $\frac{1}{8}$ for team expenses. How much money is left for the other expenses?

8. Dean has $\frac{1}{2}$ as much money as Jordan. Jordan has $\frac{4}{5}$ as much money as Sara. Sara has \$120. How much money do Dean and Jordan each have?

10. Explain the difference between a rational and an irrational number.