Do now Day 1

3 Find the HCF of:
  a 24 and 42   **b** 35 and 42
  c 100 and 60   **d** 15 and 45

4 Write down the LCM of:
  a 24 and 42   **b** 8 and 9
  c 100 and 60   **d** 15 and 45

5 Write using powers.
  a $7 \times 7 \times 7$ **b** 8×8 **c** $3 \times 3 \times 3 \times 3 \times 3$

---

1 $\dfrac{150}{350}$ simplifies to:

  A $\dfrac{6}{14}$ **B** $\dfrac{3}{70}$ **C** $\dfrac{15}{35}$ **D** $\dfrac{3}{7}$

2 Sienna spends $\dfrac{3}{7}$ of \$280 her income on clothes and saves the rest. She saves:

  A \$470   **B** \$120   **C** \$160   **D** \$2613

3 0.008×0.07 is equal to:
  A 0.056   **B** 0.0056   **C** 0.00056   **D** 56

4 0.24 expressed as a fraction is:

  A $\dfrac{1}{24}$ **B** $\dfrac{6}{25}$ **C** $\dfrac{12}{5}$ **D** $\dfrac{24}{10}$

5 If 5% of x is 8, then 10% of x equals:
  A 4   **B** 16   **C** 64   **D** 80

1 Copy and complete these equivalent fractions.

a $\dfrac{3}{5} = \dfrac{\square}{30}$

b $\dfrac{\square}{11} = \dfrac{5}{55}$

c $1\dfrac{4}{6} = \dfrac{\square}{3}$

2 Evaluate each of the following.

a $\dfrac{3}{4} - \dfrac{1}{2}$

b $\dfrac{4}{5} + \dfrac{3}{5}$

c $1\dfrac{1}{2} + 1\dfrac{3}{4}$

d $\dfrac{4}{7} - \dfrac{2}{3}$

e $\dfrac{4}{9} \times \dfrac{3}{4}$

f $1\dfrac{1}{2} \times \dfrac{3}{5}$

3 Write the reciprocal of:

a $\dfrac{2}{5}$

b 8

c $4\dfrac{1}{5}$

Do Now Day 3

5 Rewrite the following fractions with a denominator of 24.

a $\dfrac{1}{3} = \dfrac{\square}{24}$

b $\dfrac{2}{8} = \dfrac{\square}{24}$

c $\dfrac{1}{2} = \dfrac{\square}{24}$

d $\dfrac{5}{12} = \dfrac{\square}{24}$

> Multiply or divide top and bottom by the same number.

e $\dfrac{5}{6} = \dfrac{\square}{24}$

f $\dfrac{5}{1} = \dfrac{\square}{24}$

g $\dfrac{3}{4} = \dfrac{\square}{24}$

h $\dfrac{7}{8} = \dfrac{\square}{24}$

6 Rewrite the following fractions with a denominator of 30.

a $\dfrac{1}{5} = \dfrac{\square}{30}$

b $\dfrac{2}{6} = \dfrac{\square}{30}$

c $\dfrac{5}{10} = \dfrac{\square}{30}$

d $\dfrac{3}{1} = \dfrac{\square}{30}$

e $\dfrac{2}{3} = \dfrac{\square}{30}$

f $\dfrac{22}{60} = \dfrac{\square}{30}$

g $\dfrac{5}{2} = \dfrac{\square}{30}$

h $\dfrac{150}{300} = \dfrac{\square}{30}$