

23-06-2021

CLASS- 5TH

Date
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Ex. 3.2

Q1- Fill in the blanks.

(a) $\frac{\boxed{6}}{24} = \frac{1}{4}$

$24 \div 4 = 6$

$\frac{1 \times 6}{4 \times 6} = \frac{6}{24}$

(b) $\frac{14}{\boxed{49}} = \frac{2}{7}$

$14 \div 2 = 7$

$\frac{2 \times 7}{7 \times 7} = \frac{14}{49}$

(c) $\frac{7}{\boxed{8}} = \frac{28}{32}$

$28 \div 7 = 4$

$\frac{28 \div 4}{32 \div 4} = \frac{7}{8}$

Q2- Reduce the following to lowest terms:

(a) $\frac{49}{56}$

$49 \overline{) 56} (1$
 49

HCF of 49 and 56 is 7

$\frac{49 \div 7}{56 \div 7} = \frac{7}{8}$ Ans

$7 \overline{) 49} (7$
 49
 $\times$

(b) $\frac{30}{42}$

$30 \overline{) 42} (1$

HCF of 30 and 42 is 6

$\frac{30 \div 6}{42 \div 6} = \frac{5}{7}$ Ans

$30 \overline{) 42} (1$
 30
 $12 \overline{) 30} (2$
 24

(c) $\frac{18}{24}$

$6 \overline{) 12} (2$
 12
 $\times$

HCF of 18 and 24 is 6

$\frac{18 \div 6}{24 \div 6} = \frac{3}{4}$ Ans

$18 \overline{) 24} (1$
 18
 $6 \overline{) 18} (3$
 18
 $\times$

Note:- Do Q1-(d) part and Q2(d) and (e) parts in homework.