Name: ....   Class: ....

Write fractions in lowest terms

Reduce the following fractions to its lowest form. (follow the example).

a. $\dfrac{16}{24}$ = ❓

Prime factors of 16 = ②x②x②x 2
Prime factors of 24 = ②x②x②x 3
GCF of 16 and 24 = 2 x 2 x 2 = 8

$\dfrac{16/8}{24/8}$ = $\dfrac{2}{3}$

Therefore, 16/24 to its lowest term is 2/3.

b. $\dfrac{15}{18}$ = ❓

c. $\dfrac{20}{12}$ = ❓

d. $\dfrac{35}{25}$ = ❓
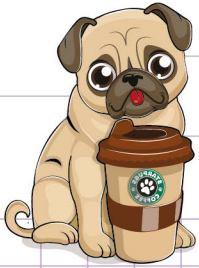
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b. $\dfrac{15}{18}$ = ❓

Prime factors of 15 = ③x 5
Prime factors of 18 = 2 x ③x 3
GCF of 15 and 18 = 3

$\dfrac{15/3}{18/3}$ = $\dfrac{5}{6}$

Therefore, 15/18 to its lowest term is 5/6.

c. $\dfrac{20}{12}$ = ❓

Prime factors of 20 = ②x②x 5
Prime factors of 12 = ②x②x 3
GCF of 20 and 12 = 2 x 2 = 4

$\dfrac{20/4}{12/4}$ = $\dfrac{5}{3}$

Therefore, 20/12 to its lowest term is 5/3.

d. $\dfrac{35}{25}$ = ❓

Prime factors of 35 = ⑤x 7
Prime factors of 25 = ⑤x 5
GCF of 35 and 25 = 5

$\dfrac{35/5}{25/5}$ = $\dfrac{7}{5}$

Therefore, 35/25 to its lowest term is 7/5.