

LCM and HCF

Find the LCM of each pair of numbers.

- (a) 4 and 5 (b) 3 and 8
(c) 4 and 8 (d) 4 and 6
(e) 10 and 15 (f) 15 and 25

- (a) 20 (b) 24
(c) 8 (d) 12
(e) 30 (f) 75

Find the HCF of each pair of numbers.

- (a) 8 and 18 (b) 16 and 36
(c) 16 and 24 (d) 12 and 19
(e) 12 and 36 (f) 20 and 45

- (a) 2 (b) 4
(c) 8 (d) 1
(e) 12 (f) 180

Find the HCF and LCM of each of these pairs of numbers.

- (a) 80 and 112 (b) 60 and 72
(c) 210 and 350 (d) 135 and 450

- (a) HCF = 16 LCM = 560
(b) HCF = 12 LCM = 360
(c) HCF = 70 LCM = 1050
(d) HCF = 45 LCM = 1350

Cheese slices are sold in packs of 8. Bread buns are sold in packs of 6. What is the least number of each pack that needs to be bought to have the same number of cheese slices and bread rolls?

LCM = 24
So 3 packs cheese slices
& 4 packs bread buns

Fred runs around a racing track in 4 minutes. Debbie runs around the track in 3 minutes. If they both start together on the start line, when will they both be together on the start line again? How many laps will each of them have done?

After 12 mins
Fred 3 laps
Debbie 4 laps

Prestwich contains three churches. At St. Peter's church the bells ring every 15 minutes. At St. Paul's church the bells ring every 20 minutes. At St. Mary's church the bells ring every 8 minutes. If the bells ring at all three churches at 1pm, when is the next time this will happen?

LCM = 120 min
So 3pm