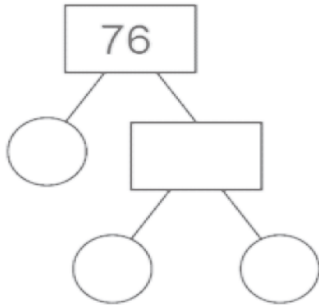


3 Factors and Multiples

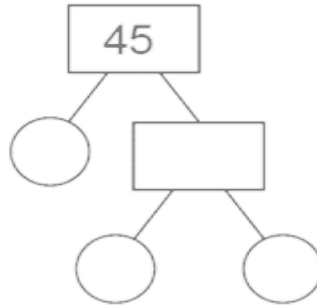
Find the Prime Factors of the Numbers

1)



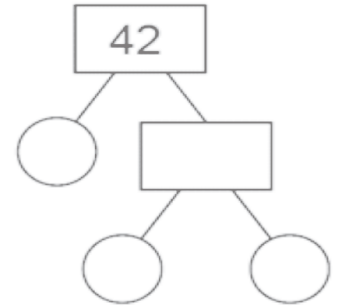
Prime Factors
_ x _ x _ = 76

2)



Prime Factors
_ x _ x _ = 45

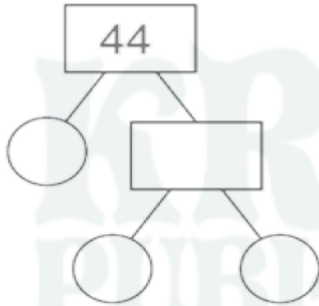
3)



Prime Factors
_ x _ x _ = 42

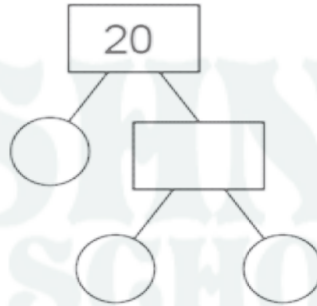


4)



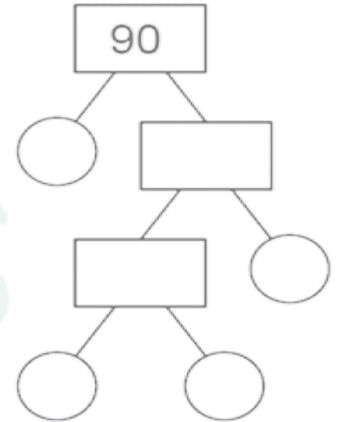
Prime Factors
_ x _ x _ = 44

5)



Prime Factors
_ x _ x _ = 20

6)



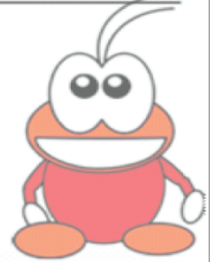
Prime Factors
_ x _ x _ x _ = 90



Name _____

Date _____

Find the lowest common multiple of the following numbers:



(1) LCM of 3 and 4 _____

(5) LCM of 10 and 4 _____

(2) LCM of 2 and 5 _____

(6) LCM of 3 and 9 _____

(3) LCM of 2 and 6 _____

(7) LCM of 5 and 6 _____

(4) LCM of 3 and 5 _____

(8) LCM of 2 and 7 _____

(9) LCM of 8 and 6 _____

(13) LCM of 8 and 10 _____

(10) LCM of 3 and 7 _____

(14) LCM of 3 and 2 _____

(11) LCM of 6 and 7 _____

(15) LCM of 4 and 5 _____

(12) LCM of 4 and 9 _____

(16) LCM of 8 and 10 _____

(17) LCM of 9 and 6 _____

(22) LCM of 10 and 5 _____

(18) LCM of 2 and 9 _____

(23) LCM of 5 and 9 _____

(19) LCM of 3 and 8 _____

(24) LCM of 8 and 12 _____

(21) LCM of 5 and 7 _____

(25) LCM of 10 and 2 _____



Name _____

Date _____

Find the highest common factor of the following numbers:

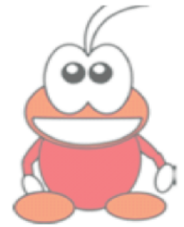


- (1) HCF of 12, 10 and 15 _____
- (2) HCF of 10, 6 and 8 _____
- (3) HCF of 20, 15 and 10 _____
- (4) HCF of 24, 12 and 6 _____
- (5) HCF of 16, 20 and 24 _____
- (6) HCF of 12, 15 and 18 _____
- (7) HCF of 50, 25 and 15 _____
- (8) HCF of 10, 20 and 40 _____
- (9) HCF of 12, 18 and 30 _____
- (10) HCF of 16, 12 and 24 _____
- (11) HCF of 30, 15 and 75 _____
- (12) HCF of 25, 50 and 75 _____
- (13) HCF of 8, 24 and 48 _____
- (14) HCF of 5, 15 and 38 _____
- (15) HCF of 12, 36 and 50 _____
- (16) HCF of 8, 44 and 100 _____
- (17) HCF of 7, 14 and 16 _____
- (18) HCF of 10, 20 and 24 _____
- (19) HCF of 42, 14 and 21 _____
- (20) HCF of 18, 27 and 15 _____
- (21) HCF of 10, 20 and 30 _____
- (22) HCF of 12, 24 and 32 _____
- (23) HCF of 32, 48 and 12 _____
- (24) HCF of 13, 14 and 15 _____
- (25) HCF of 13, 14 and 15 _____



Name _____ Date _____

Find the lowest common multiples of the following numbers:

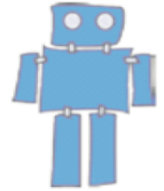


- (1) LCM of 8, 10 and 12 _____
- (2) LCM of 10, 6 and 8 _____
- (3) LCM of 20, 15 and 10 _____
- (4) LCM of 24, 12 and 6 _____
- (5) LCM of 4, 12 and 22 _____
- (6) LCM of 12, 15 and 18 _____
- (7) LCM of 50, 25 and 15 _____
- (8) LCM of 15, 20 and 40 _____
- (9) LCM of 12, 18 and 30 _____
- (10) LCM of 16, 12 and 24 _____
- (11) LCM of 30, 15 and 75 _____
- (12) LCM of 25, 50 and 75 _____
- (13) LCM of 8, 24 and 40 _____
- (14) LCM of 5, 15 and 35 _____
- (15) LCM of 12, 36 and 50 _____
- (16) LCM of 8, 16 and 100 _____
- (17) LCM of 7, 14 and 20 _____
- (18) LCM of 10, 20 and 24 _____
- (19) LCM of 42, 14 and 21 _____
- (20) LCM of 18, 27 and 15 _____
- (21) LCM of 10, 20 and 30 _____
- (22) LCM of 12, 24 and 32 _____
- (23) LCM of 32, 48 and 12 _____
- (24) LCM of 12, 14 and 16 _____
- (25) HCF of 12, 14 and 16 _____



Name _____ Date _____

Find the highest common factor of the following numbers:



- (1) HCF of 12 and 15 _____
- (2) HCF of 10 and 8 _____
- (3) HCF of 20 and 15 _____
- (4) HCF of 25 and 10 _____
- (5) HCF of 16 and 24 _____
- (6) HCF of 12 and 18 _____
- (7) HCF of 50 and 15 _____
- (8) HCF of 20 and 40 _____
- (9) HCF of 18 and 30 _____
- (10) HCF of 12 and 24 _____
- (11) HCF of 15 and 75 _____
- (12) HCF of 25 and 50 _____
- (13) HCF of 8 and 24 _____
- (14) HCF of 5 and 50 _____
- (15) HCF of 12 and 50 _____
- (16) HCF of 8 and 100 _____
- (17) HCF of 14 and 16 _____
- (18) HCF of 20 and 24 _____
- (19) HCF of 12 and 21 _____
- (20) HCF of 27 and 15 _____
- (21) HCF of 14 and 16 _____
- (22) HCF of 10 and 30 _____
- (23) HCF of 24 and 32 _____
- (24) HCF of 48 and 12 _____
- (25) HCF of 13 and 15 _____



Name _____ Date _____



Find the factors for each number

Number	Factors
12	
24	
15	
60	
35	
44	
17	
50	
100	
25	
64	
16	
30	
32	
40	



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