Prime Factors (A)

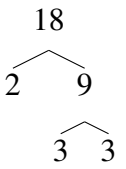
Use a tree diagram to find the prime factors of each number.

18	28	34
48	36	4
12	15	27

Prime Factors (A) Answers

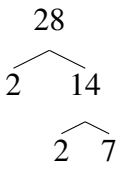
Use a tree diagram to find the prime factors of each number.

18



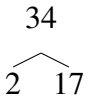
$18 = 2 \times 3^2$

28



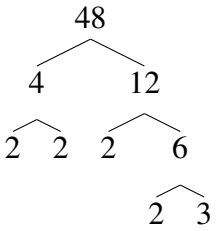
$28 = 2^2 \times 7$

34



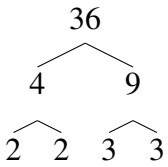
$34 = 2 \times 17$

48



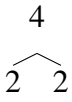
$48 = 2^4 \times 3$

36



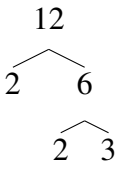
$36 = 2^2 \times 3^2$

4



$4 = 2^2$

12

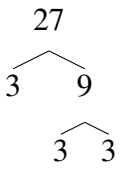


$12 = 2^2 \times 3$

15

$15 = 3 \times 5$

27



$27 = 3^3$

Prime Factors (B)

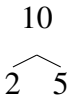
Use a tree diagram to find the prime factors of each number.

10	12	21
6	28	22
27	40	18

Prime Factors (B) Answers

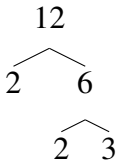
Use a tree diagram to find the prime factors of each number.

10



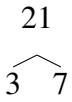
$10 = 2 \times 5$

12



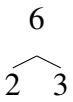
$12 = 2^2 \times 3$

21



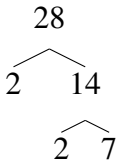
$21 = 3 \times 7$

6



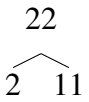
$6 = 2 \times 3$

28



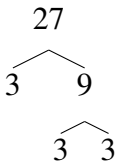
$28 = 2^2 \times 7$

22



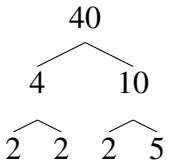
$22 = 2 \times 11$

27



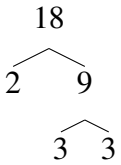
$27 = 3^3$

40



$40 = 2^3 \times 5$

18



$18 = 2 \times 3^2$

Prime Factors (C)

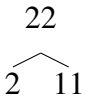
Use a tree diagram to find the prime factors of each number.

22	40	16
42	20	33
10	8	28

Prime Factors (C) Answers

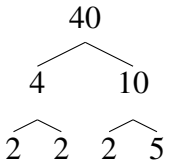
Use a tree diagram to find the prime factors of each number.

22



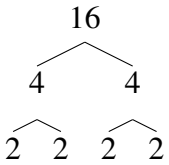
$22 = 2 \times 11$

40



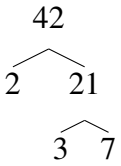
$40 = 2^3 \times 5$

16



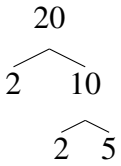
$16 = 2^4$

42



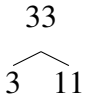
$42 = 2 \times 3 \times 7$

20



$20 = 2^2 \times 5$

33

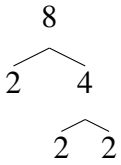


$33 = 3 \times 11$

10

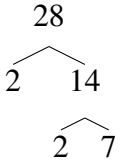
$10 = 2 \times 5$

8



$8 = 2^3$

28



$28 = 2^2 \times 7$

Prime Factors (D)

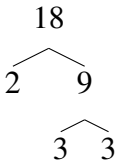
Use a tree diagram to find the prime factors of each number.

18	6	6
44	26	12
35	12	16

Prime Factors (D) Answers

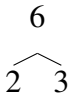
Use a tree diagram to find the prime factors of each number.

18



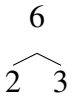
$18 = 2 \times 3^2$

6



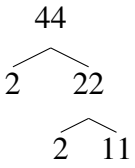
$6 = 2 \times 3$

6



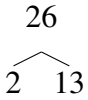
$6 = 2 \times 3$

44



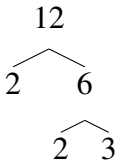
$44 = 2^2 \times 11$

26



$26 = 2 \times 13$

12

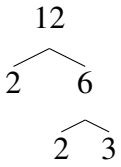


$12 = 2^2 \times 3$

35

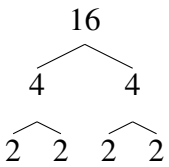
$35 = 5 \times 7$

12



$12 = 2^2 \times 3$

16



$16 = 2^4$

Prime Factors (E)

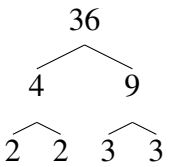
Use a tree diagram to find the prime factors of each number.

36	36	46
35	14	46
14	34	26

Prime Factors (E) Answers

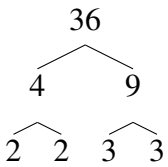
Use a tree diagram to find the prime factors of each number.

36



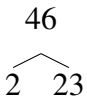
$36 = 2^2 \times 3^2$

36



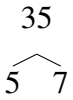
$36 = 2^2 \times 3^2$

46



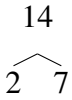
$46 = 2 \times 23$

35



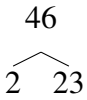
$35 = 5 \times 7$

14



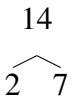
$14 = 2 \times 7$

46



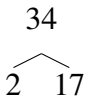
$46 = 2 \times 23$

14



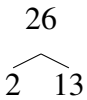
$14 = 2 \times 7$

34



$34 = 2 \times 17$

26



$26 = 2 \times 13$

Prime Factors (F)

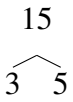
Use a tree diagram to find the prime factors of each number.

15	18	25
18	38	39
27	20	42

Prime Factors (F) Answers

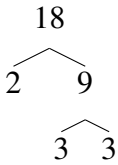
Use a tree diagram to find the prime factors of each number.

15



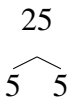
$15 = 3 \times 5$

18



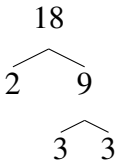
$18 = 2 \times 3^2$

25



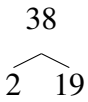
$25 = 5^2$

18



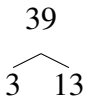
$18 = 2 \times 3^2$

38



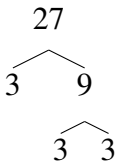
$38 = 2 \times 19$

39



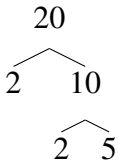
$39 = 3 \times 13$

27



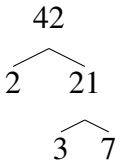
$27 = 3^3$

20



$20 = 2^2 \times 5$

42



$42 = 2 \times 3 \times 7$

Prime Factors (G)

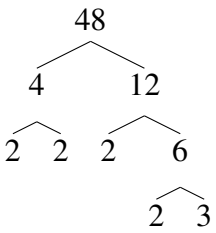
Use a tree diagram to find the prime factors of each number.

48	38	40
25	14	9
18	45	48

Prime Factors (G) Answers

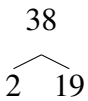
Use a tree diagram to find the prime factors of each number.

48



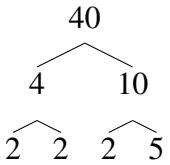
$48 = 2^4 \times 3$

38



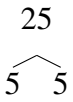
$38 = 2 \times 19$

40



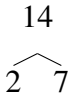
$40 = 2^3 \times 5$

25



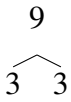
$25 = 5^2$

14



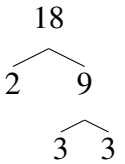
$14 = 2 \times 7$

9



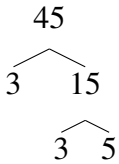
$9 = 3^2$

18



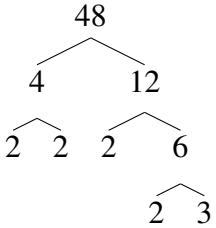
$18 = 2 \times 3^2$

45



$45 = 3^2 \times 5$

48



$48 = 2^4 \times 3$

Prime Factors (H)

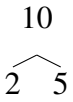
Use a tree diagram to find the prime factors of each number.

10	18	6
39	21	32
28	34	39

Prime Factors (H) Answers

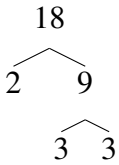
Use a tree diagram to find the prime factors of each number.

10



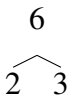
$10 = 2 \times 5$

18



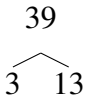
$18 = 2 \times 3^2$

6



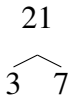
$6 = 2 \times 3$

39



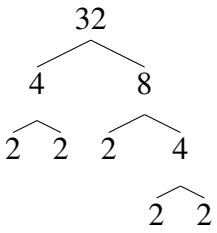
$39 = 3 \times 13$

21



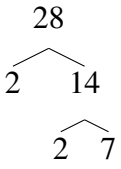
$21 = 3 \times 7$

32



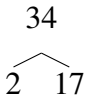
$32 = 2^5$

28



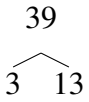
$28 = 2^2 \times 7$

34



$34 = 2 \times 17$

39



$39 = 3 \times 13$

Prime Factors (I)

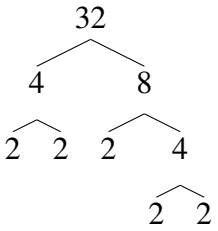
Use a tree diagram to find the prime factors of each number.

32	45	10
46	22	42
46	32	46

Prime Factors (I) Answers

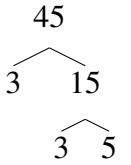
Use a tree diagram to find the prime factors of each number.

32



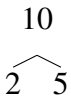
$32 = 2^5$

45



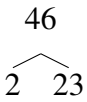
$45 = 3^2 \times 5$

10



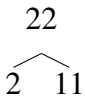
$10 = 2 \times 5$

46



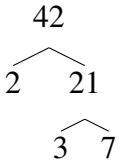
$46 = 2 \times 23$

22



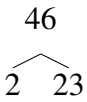
$22 = 2 \times 11$

42



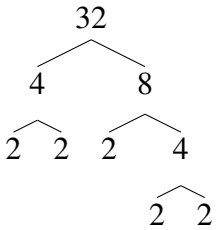
$42 = 2 \times 3 \times 7$

46



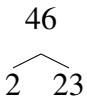
$46 = 2 \times 23$

32



$32 = 2^5$

46



$46 = 2 \times 23$

Prime Factors (J)

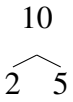
Use a tree diagram to find the prime factors of each number.

10	40	4
45	24	48
9	21	46

Prime Factors (J) Answers

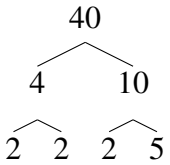
Use a tree diagram to find the prime factors of each number.

10



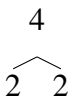
$10 = 2 \times 5$

40



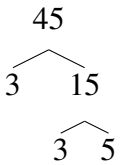
$40 = 2^3 \times 5$

4



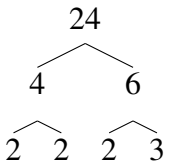
$4 = 2^2$

45



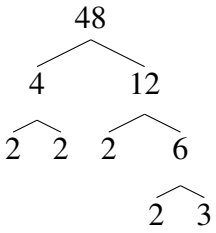
$45 = 3^2 \times 5$

24



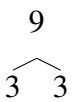
$24 = 2^3 \times 3$

48



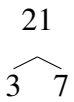
$48 = 2^4 \times 3$

9



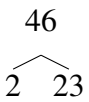
$9 = 3^2$

21



$21 = 3 \times 7$

46



$46 = 2 \times 23$