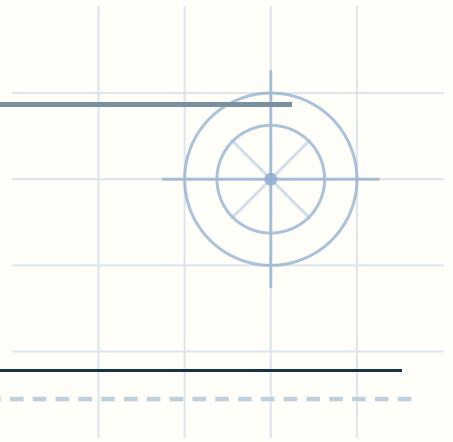


List the factors — Numbers to 40

Name: _____

Date: _____

List all the factors of each number.



1 20 → 1, 2, 4, 5, 10, 20

2 31 → _____

3 25 → _____

4 7 → _____

5 36 → _____

6 33 → _____

7 16 → _____

8 40 → _____

9 4 → _____

10 6 → _____

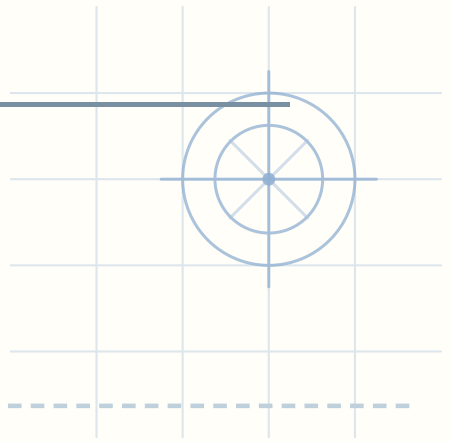


Multiples — Numbers to 40

Name: _____

Date: _____

List the first five multiples of each number.



1 4 → 4, 8, 12, 16, 20

2 3 → _____

3 13 → _____

4 33 → _____

5 19 → _____

6 35 → _____

7 26 → _____

8 8 → _____

9 36 → _____

10 24 → _____

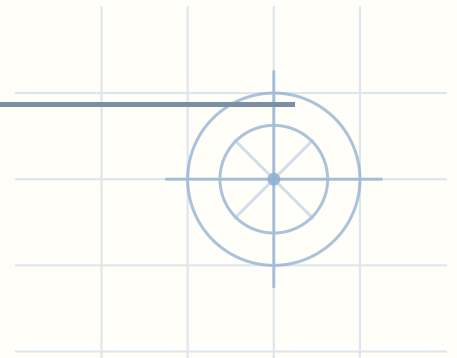


Prime or composite — Numbers to 50

Name: _____

Date: _____

Circle whether each number is prime or composite.



1 8 Prime / Composite

2 16 Prime / Composite

3 13 Prime / Composite

4 27 Prime / Composite

5 43 Prime / Composite

6 19 Prime / Composite

7 49 Prime / Composite

8 30 Prime / Composite

9 45 Prime / Composite

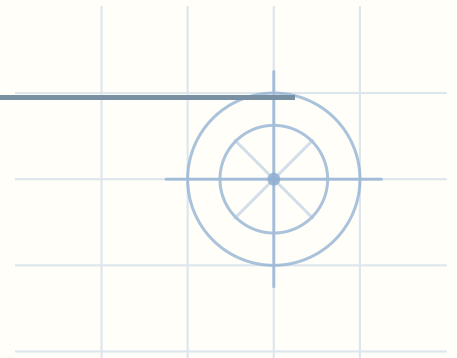
10 7 Prime / Composite



Name: _____

Date: _____

Find the greatest common factor (GCF) of each set of numbers.



1 9, 12 → 3 _____

2 12, 28 → _____

3 10, 35 → _____

4 9, 15 → _____

5 15, 35 → _____

6 20, 28 → _____

7 12, 18 → _____

8 4, 14 → _____

9 6, 14 → _____

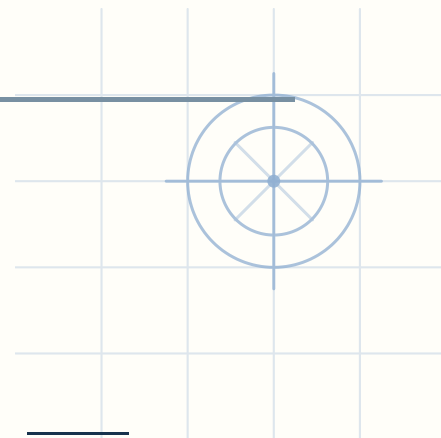
10 24, 30 → _____



Name: _____

Date: _____

Find the least common multiple (LCM) of each set of numbers.



1 $12, 16 \rightarrow 48$

2 $6, 8 \rightarrow$ _____

3 $10, 25 \rightarrow$ _____

4 $6, 9 \rightarrow$ _____

5 $8, 20 \rightarrow$ _____

6 $12, 20 \rightarrow$ _____

7 $6, 10 \rightarrow$ _____

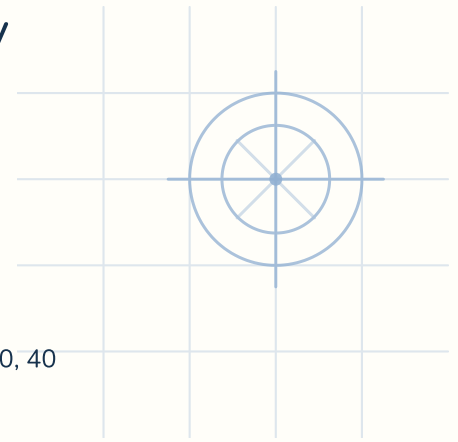
8 $4, 6 \rightarrow$ _____

9 $20, 25 \rightarrow$ _____

10 $15, 25 \rightarrow$ _____



Power Pack · Factors and multiples — Answer key



Factors

1. $20 \rightarrow 1, 2, 4, 5, 10, 20$
2. $31 \rightarrow 1, 31$
3. $25 \rightarrow 1, 5, 25$
4. $7 \rightarrow 1, 7$
5. $36 \rightarrow 1, 2, 3, 4, 6, 9, 12, 18, 36$
6. $33 \rightarrow 1, 3, 11, 33$
7. $16 \rightarrow 1, 2, 4, 8, 16$
8. $40 \rightarrow 1, 2, 4, 5, 8, 10, 20, 40$
9. $4 \rightarrow 1, 2, 4$
10. $6 \rightarrow 1, 2, 3, 6$

Multiples

1. $4 \rightarrow 4, 8, 12, 16, 20$
2. $3 \rightarrow 3, 6, 9, 12, 15$
3. $13 \rightarrow 13, 26, 39, 52, 65$
4. $33 \rightarrow 33, 66, 99, 132, 165$
5. $19 \rightarrow 19, 38, 57, 76, 95$
6. $35 \rightarrow 35, 70, 105, 140, 175$
7. $26 \rightarrow 26, 52, 78, 104, 130$
8. $8 \rightarrow 8, 16, 24, 32, 40$
9. $36 \rightarrow 36, 72, 108, 144, 180$
10. $24 \rightarrow 24, 48, 72, 96, 120$

Prime or composite

1. $8 \rightarrow$ Composite (2×4)
2. $16 \rightarrow$ Composite (2×8)
3. $13 \rightarrow$ Prime
4. $27 \rightarrow$ Composite (3×9)
5. $43 \rightarrow$ Prime
6. $19 \rightarrow$ Prime
7. $49 \rightarrow$ Composite (7×7)
8. $30 \rightarrow$ Composite (2×15)
9. $45 \rightarrow$ Composite (3×15)
10. $7 \rightarrow$ Prime

Greatest common factor

1. $9, 12 \rightarrow 3$
2. $12, 28 \rightarrow 4$

Power Pack · Factors and multiples — Answer key

Greatest common factor

3. $10, 35 \rightarrow 5$

5. $15, 35 \rightarrow 5$

7. $12, 18 \rightarrow 6$

9. $6, 14 \rightarrow 2$

4. $9, 15 \rightarrow 3$

6. $20, 28 \rightarrow 4$

8. $4, 14 \rightarrow 2$

10. $24, 30 \rightarrow 6$

Least common multiple

1. $12, 16 \rightarrow 48$

3. $10, 25 \rightarrow 50$

5. $8, 20 \rightarrow 40$

7. $6, 10 \rightarrow 30$

9. $20, 25 \rightarrow 100$

2. $6, 8 \rightarrow 24$

4. $6, 9 \rightarrow 18$

6. $12, 20 \rightarrow 60$

8. $4, 6 \rightarrow 12$

10. $15, 25 \rightarrow 75$

