Multiplying Three Numbers - ANSWER KEY

Grade 3 | Multiplying three factors by grouping two of them first | Version 1 of 10

Multiply two of the numbers first, then multiply that answer by the third number. Tip: look for a pair that makes 10 or a fact you know well.

1. 3 × 3 × 4 = **36**
2. 1 × 3 × 4 = **12**
3. 4 × 5 × 4 = **80**
4. 10 × 5 × 1 = **50**
5. 3 × 3 × 5 = **45**
6. 1 × 3 × 2 = **6**
7. 10 × 2 × 5 = **100**
8. 5 × 3 × 2 = **30**
9. 10 × 2 × 2 = **40**
10. 6 × 4 × 4 = **96**
11. 5 × 2 × 6 = **60**
12. 2 × 6 × 2 = **24**
13. 2 × 3 × 2 = **12**
14. 5 × 2 × 3 = **30**

Multiplying Three Numbers - ANSWER KEY

Grade 3 | Multiplying three factors by grouping two of them first | Version 2 of 10

Multiply two of the numbers first, then multiply that answer by the third number. Tip: look for a pair that makes 10 or a fact you know well.

1. 3 × 4 × 6 = **72**
2. 6 × 10 × 1 = **60**
3. 3 × 6 × 1 = **18**
4. 2 × 6 × 4 = **48**
5. 3 × 2 × 6 = **36**
6. 4 × 4 × 3 = **48**
7. 5 × 6 × 1 = **30**
8. 2 × 10 × 4 = **80**
9. 1 × 10 × 6 = **60**
10. 5 × 4 × 3 = **60**
11. 2 × 4 × 4 = **32**
12. 3 × 5 × 5 = **75**
13. 3 × 2 × 1 = **6**
14. 2 × 5 × 3 = **30**

Multiplying Three Numbers - ANSWER KEY

Grade 3 | Multiplying three factors by grouping two of them first | Version 3 of 10

Multiply two of the numbers first, then multiply that answer by the third number. Tip: look for a pair that makes 10 or a fact you know well.

1. 5 × 5 × 3 = **75**
2. 1 × 10 × 4 = **40**
3. 4 × 4 × 2 = **32**
4. 5 × 1 × 10 = **50**
5. 4 × 2 × 5 = **40**
6. 2 × 1 × 3 = **6**
7. 5 × 2 × 10 = **100**
8. 3 × 2 × 5 = **30**
9. 5 × 3 × 3 = **45**
10. 4 × 10 × 2 = **80**
11. 4 × 2 × 4 = **32**
12. 10 × 1 × 2 = **20**
13. 3 × 1 × 3 = **9**
14. 1 × 5 × 4 = **20**

Multiplying Three Numbers - ANSWER KEY

Grade 3 | Multiplying three factors by grouping two of them first | Version 4 of 10

Multiply two of the numbers first, then multiply that answer by the third number. Tip: look for a pair that makes 10 or a fact you know well.

1. 3 × 4 × 1 = **12**
2. 4 × 5 × 1 = **20**
3. 6 × 2 × 5 = **60**
4. 1 × 6 × 6 = **36**
5. 10 × 2 × 1 = **20**
6. 1 × 10 × 2 = **20**
7. 3 × 2 × 3 = **18**
8. 5 × 5 × 4 = **100**
9. 2 × 6 × 3 = **36**
10. 1 × 2 × 4 = **8**
11. 10 × 2 × 4 = **80**
12. 2 × 10 × 5 = **100**
13. 3 × 4 × 3 = **36**
14. 5 × 5 × 2 = **50**

Multiplying Three Numbers - ANSWER KEY

Grade 3 | Multiplying three factors by grouping two of them first | Version 5 of 10

Multiply two of the numbers first, then multiply that answer by the third number. Tip: look for a pair that makes 10 or a fact you know well.

1. 1 × 2 × 2 = **4**
2. 2 × 2 × 1 = **4**
3. 1 × 6 × 10 = **60**
4. 4 × 5 × 2 = **40**
5. 5 × 4 × 1 = **20**
6. 3 × 6 × 4 = **72**
7. 1 × 4 × 10 = **40**
8. 4 × 1 × 5 = **20**
9. 2 × 5 × 1 = **10**
10. 4 × 1 × 10 = **40**
11. 6 × 5 × 2 = **60**
12. 2 × 5 × 4 = **40**
13. 1 × 6 × 3 = **18**
14. 6 × 1 × 4 = **24**

Multiplying Three Numbers - ANSWER KEY

Grade 3 | Multiplying three factors by grouping two of them first | Version 6 of 10

Multiply two of the numbers first, then multiply that answer by the third number. Tip: look for a pair that makes 10 or a fact you know well.

1. 2 × 10 × 2 = **40**
2. 3 × 1 × 4 = **12**
3. 10 × 4 × 2 = **80**
4. 1 × 5 × 5 = **25**
5. 6 × 2 × 1 = **12**
6. 4 × 2 × 10 = **80**
7. 10 × 1 × 10 = **100**
8. 5 × 4 × 4 = **80**
9. 4 × 6 × 3 = **72**
10. 3 × 4 × 4 = **48**
11. 5 × 3 × 4 = **60**
12. 6 × 3 × 5 = **90**
13. 6 × 3 × 4 = **72**
14. 3 × 3 × 2 = **18**

Multiplying Three Numbers - ANSWER KEY

Grade 3 | Multiplying three factors by grouping two of them first | Version 7 of 10

Multiply two of the numbers first, then multiply that answer by the third number. Tip: look for a pair that makes 10 or a fact you know well.

1. 4 × 2 × 1 = **8**
2. 3 × 6 × 5 = **90**
3. 1 × 10 × 3 = **30**
4. 1 × 6 × 2 = **12**
5. 5 × 10 × 2 = **100**
6. 10 × 10 × 1 = **100**
7. 4 × 3 × 3 = **36**
8. 2 × 5 × 10 = **100**
9. 1 × 2 × 6 = **12**
10. 3 × 5 × 4 = **60**
11. 2 × 6 × 1 = **12**
12. 2 × 10 × 1 = **20**
13. 3 × 6 × 3 = **54**
14. 4 × 3 × 4 = **48**

Multiplying Three Numbers - ANSWER KEY

Grade 3 | Multiplying three factors by grouping two of them first | Version 8 of 10

Multiply two of the numbers first, then multiply that answer by the third number. Tip: look for a pair that makes 10 or a fact you know well.

1. 1 × 2 × 5 = **10**
2. 2 × 4 × 10 = **80**
3. 4 × 3 × 1 = **12**
4. 6 × 6 × 2 = **72**
5. 2 × 3 × 3 = **18**
6. 2 × 4 × 1 = **8**
7. 3 × 6 × 2 = **36**
8. 2 × 3 × 6 = **36**
9. 6 × 6 × 1 = **36**
10. 5 × 10 × 1 = **50**
11. 6 × 2 × 6 = **72**
12. 4 × 4 × 6 = **96**
13. 4 × 1 × 6 = **24**
14. 10 × 6 × 1 = **60**

Multiplying Three Numbers - ANSWER KEY

Grade 3 | Multiplying three factors by grouping two of them first | Version 9 of 10

Multiply two of the numbers first, then multiply that answer by the third number. Tip: look for a pair that makes 10 or a fact you know well.

1. 3 × 2 × 2 = **12**
2. 1 × 3 × 5 = **15**
3. 2 × 6 × 5 = **60**
4. 3 × 4 × 5 = **60**
5. 5 × 2 × 2 = **20**
6. 3 × 10 × 1 = **30**
7. 3 × 3 × 10 = **90**
8. 10 × 3 × 1 = **30**
9. 3 × 5 × 2 = **30**
10. 2 × 3 × 10 = **60**
11. 1 × 4 × 6 = **24**
12. 1 × 4 × 2 = **8**
13. 6 × 5 × 1 = **30**
14. 10 × 1 × 5 = **50**

Multiplying Three Numbers - ANSWER KEY

Grade 3 | Multiplying three factors by grouping two of them first | Version 10 of 10

Multiply two of the numbers first, then multiply that answer by the third number. Tip: look for a pair that makes 10 or a fact you know well.

1. 4 × 6 × 4 = **96**
2. 5 × 2 × 1 = **10**
3. 1 × 10 × 10 = **100**
4. 4 × 6 × 2 = **48**
5. 5 × 2 × 4 = **40**
6. 3 × 2 × 10 = **60**
7. 5 × 6 × 2 = **60**
8. 4 × 3 × 2 = **24**
9. 3 × 3 × 6 = **54**
10. 5 × 1 × 2 = **10**
11. 2 × 1 × 5 = **10**
12. 5 × 2 × 5 = **50**
13. 6 × 2 × 2 = **24**
14. 5 × 4 × 2 = **40**