Fact families for multiplication and division: Worksheet 14.1

Name .... Date .... Score ....

Find the fact families for the groups of three numbers.

1. 4, 9 and 36

2. 5, 7 and 35

3. 6, 4 and 24

4. 6, 7 and 42

5. 4, 12 and 48

6. 3, 8 and 24

7. 8, 9 and 72

8. 6, 9 and 54

9. 7, 8 and 56

10. 9, 11 and 99

Solutions: Worksheet 14.1

1. The fact families for 4, 9 and 36 are
   $36 = 4 \times 9$
   $36 = 9 \times 4$
   $36 \div 4 = 9$
   $36 \div 9 = 4$

2. The fact families for 5, 7 and 35 are
   $35 = 5 \times 7$
   $35 = 7 \times 5$
   $35 \div 5 = 7$
   $35 \div 7 = 5$

3. The fact families for 4, 6 and 24 are
   $24 = 4 \times 6$
   $24 = 6 \times 4$
   $24 \div 4 = 6$
   $24 \div 6 = 4$

4. The fact families for 6, 7 and 42 are
   $42 = 6 \times 7$
   $42 = 7 \times 6$
   $42 \div 6 = 7$
   $42 \div 7 = 6$

5. The fact families for 4, 12 and 48 are
   $48 = 4 \times 12$
   $48 = 12 \times 4$
   $48 \div 4 = 12$
   $48 \div 12 = 4$

6. The fact families for 3, 8 and 24 are
   $24 = 3 \times 8$
   $24 = 8 \times 3$
   $24 \div 3 = 8$
   $24 \div 8 = 3$

7. The fact families for 8, 9 and 72 are
   $72 = 8 \times 9$
   $72 = 9 \times 8$
   $72 \div 8 = 9$
   $72 \div 9 = 8$

8. The fact families for 6, 9 and 54 are

   $54 = 6 \times 9$

   $54 = 9 \times 6$

   $54 \div 6 = 9$

   $54 \div 9 = 6$

9. The fact families for 7, 8 and 56 are

   $56 = 7 \times 8$

   $56 = 8 \times 7$

   $56 \div 7 = 8$

   $56 \div 8 = 7$

10. The fact families for 9, 11 and 99 are

    $99 = 9 \times 11$

    $99 = 11 \times 9$

    $99 \div 9 = 11$

    $99 \div 11 = 9$