Unlike denominators worksheet

5th grade math · Number & Operations—Fractions · 5.NF.A.1

Name _____ Date _____

For grown-ups: 12 unlike denominators problems, easier ones first. Let your child try each one alone, then check together with the answer key on page 2. A ? marks the missing number or symbol.

1. **2/3 + 2/6 = ? (simplest form)**

   Answer: _____

2. **7/8 – 1/2 = ? (simplest form)**

   Answer: _____

3. **1/5 + 4/10 = ? (simplest form)**

   Answer: _____

4. **1/2 + 1/4 = ? (simplest form)**

   Answer: _____

5. **6/10 – 1/2 = ? (simplest form)**

   Answer: _____

6. **1/3 + 7/12 = ? (simplest form)**

   Answer: _____

7. **1/3 + 1/2 = ? (simplest form)**

   Answer: _____

8. **1/4 + 2/3 = ? (simplest form)**

   Answer: _____

9. **2/3 + 1/10 = ? (simplest form)**

   Answer: _____

10. **1/4 + 1/6 = ? (simplest form)**

    Answer: _____

11. **3/10 – 1/5 = ? (simplest form)**

    Answer: _____

12. **2/3 – 1/2 = ? (simplest form)**

    Answer: _____

Answer key: Unlike denominators

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1. **1**
   Common denominator 6: 4/6 + 2/6 = 6/6 = 1.
2. **3/8**
   Common denominator 8: 7/8 – 4/8 = 3/8.
3. **3/5**
   Common denominator 10: 2/10 + 4/10 = 6/10 = 3/5.
4. **3/4**
   Common denominator 4: 2/4 + 1/4 = 3/4.
5. **1/10**
   Common denominator 10: 6/10 – 5/10 = 1/10.
6. **11/12**
   Common denominator 12: 4/12 + 7/12 = 11/12.
7. **5/6**
   Common denominator 6: 2/6 + 3/6 = 5/6.
8. **11/12**
   Common denominator 12: 3/12 + 8/12 = 11/12.
9. **23/30**
   Common denominator 30: 20/30 + 3/30 = 23/30.
10. **5/12**
    Common denominator 12: 3/12 + 2/12 = 5/12.
11. **1/10**
    Common denominator 10: 3/10 – 2/10 = 1/10.
12. **1/6**
    Common denominator 6: 4/6 – 3/6 = 1/6.