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Name: _____ Date: _____

# Add and Subtract Fractions with Unlike Denominators

Grade 5 · Ages 10-11 · Math · Fractions · ★☆

Add or subtract the fractions. Find a common denominator first. Write the answer in simplest form on the line; an answer bigger than 1 can be a mixed number, like 17/12 = 1 5/12.

**1.** 1/4 + 7/12 = _____

**2.** 2/3 + 5/6 = _____

**3.** 5/6 + 1/2 = _____

**4.** 1/6 + 11/12 = _____

**5.** 7/12 + 5/6 = _____

**6.** 1/2 + 5/12 = _____

**7.** 1/6 + 1/2 = _____

**8.** 5/8 + 1/4 = _____

**9.** 4/5 + 7/10 = _____

**10.** 1/9 + 1/3 = _____

**11.** 7/10 + 3/5 = _____

**12.** 1/2 − 1/12 = _____

**13.** 7/12 − 1/3 = _____

**14.** 9/10 − 1/2 = _____

**15.** 1/2 − 3/8 = _____

**16.** 2/5 − 1/10 = _____

**17.** 11/12 − 1/3 = _____

**18.** 1/4 − 1/8 = _____

**19.** 1/2 − 1/4 = _____

**20.** 1/2 − 1/6 = _____

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ANSWER KEY

# Add and Subtract Fractions with Unlike Denominators

Grade 5 · Ages 10-11 · Math · Fractions · ★☆

**1.** 1/4 + 7/12 = **5/6**

**2.** 2/3 + 5/6 = **3/2 = 1 1/2**

**3.** 5/6 + 1/2 = **4/3 = 1 1/3**

**4.** 1/6 + 11/12 = **13/12 = 1 1/12**

**5.** 7/12 + 5/6 = **17/12 = 1 5/12**

**6.** 1/2 + 5/12 = **11/12**

**7.** 1/6 + 1/2 = **2/3**

**8.** 5/8 + 1/4 = **7/8**

**9.** 4/5 + 7/10 = **3/2 = 1 1/2**

**10.** 1/9 + 1/3 = **4/9**

**11.** 7/10 + 3/5 = **13/10 = 1 3/10**

**12.** 1/2 – 1/12 = **5/12**

**13.** 7/12 – 1/3 = **1/4**

**14.** 9/10 – 1/2 = **2/5**

**15.** 1/2 – 3/8 = **1/8**

**16.** 2/5 – 1/10 = **3/10**

**17.** 11/12 – 1/3 = **7/12**

**18.** 1/4 – 1/8 = **1/8**

**19.** 1/2 – 1/4 = **1/4**

**20.** 1/2 – 1/6 = **1/3**