Common Core Mathematics Practice for Grade 5

CCSS.Math.Content.5.NF.A.1 - Worksheet #29075

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Name:

5 --- + 8 --- =

Standard: CCSS.Math.Content.5.NF.A.1

Description: Add and subtract fractions with unlike denominators (including mixed numbers) by replacing given fractions with equivalent fractions in such a way as to produce an equivalent sum or difference of fractions with like denominators. For example, 2/3 + 5/4 = 8/12 + 15/12 = 23/12. (In general, a/b + c/d = (ad + bc)/bd.).

Add Two Mixed Numbers with Unlike Denominator:

| 1. | 6. |
|---------|----------------|
| 3 4 | 8 2 2 + 5 = |
| 1 + 2 = | 2 + 5 = |
| 7 5 | 10 11 |
| | |
| | |
| | |
| 2. | 7. |
| 5 1 | 4 2 |

| 1 3 | 3 4 + 5 6 | 5 |
|---------|-----------------|----|
| 3 + 5 = | 4 + 5 | = |
| 9 11 | 6 | 12 |

| 4. | | 6 | 9. | |
|-------|---|-----|---------------|---|
| 1 | 2 | | 2 + 5 5 | 2 |
| 4 + 8 | = | 7 - | + 5 | = |
| 2 | 4 | | 5 | 3 |

| 5. | 10. |
|-----------------|---------|
| 2 4 | 1 1 |
| 9 + 5 = 11 9 | 8 + 1 = |
| 11 9 | 2 7 |

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