

Math worksheet on 'Fraction Division - Mixed - Don't Simplify (Level 3)'. Part of a broader unit on 'Fraction Division - Advanced'

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| Divide these fractions (don't simplify the answer) | a 9             | <sup>b</sup> 9  | ° 9            |
|--|-----------------|-----------------|----------------|
| 2 1  | 3               | 5               | 8              |
| $ 1\frac{2}{3} \div 1\frac{1}{4} $                 | <sup>d</sup> 25 | <sup>e</sup> 20 | <sup>f</sup> 9 |
| 3 4  | 12              | <b>15</b>       | <b>15</b>      |

| Divide these fractions (don't simplify the answer) | <sup>a</sup> 21 | <sup>b</sup> 10 | °10             |
|--|-----------------|-----------------|-----------------|
| 3 1  | 28              | $\overline{11}$ | 7               |
| $1\frac{3}{4} \div 2\frac{1}{3}$                   | <sup>d</sup> 10 | <sup>e</sup> 49 | <sup>f</sup> 10 |
| 4 3  | 28              | 12              | 4               |

| Divide these fractions (don't simplify the answer) | <sup>a</sup> 17 | <sup>b</sup> 17 | <sup>c</sup> 17 |
|--|-----------------|-----------------|-----------------|
| 4 1  | <del>14</del>   | 9               | 45              |
| $1\frac{1}{5} \div 1\frac{1}{8}$                   | <sup>d</sup> 17 | <sup>e</sup> 72 | <sup>f</sup> 81 |
| 5 0  | 5               | 45              | 40              |

| Divide these fractions (don't simplify the answer) | <sup>a</sup> 11 | <sup>b</sup> 32 | <sup>c</sup> 11 |
|--|-----------------|-----------------|-----------------|
| 3 1  | 20              | <u>15</u>       | 9               |
| $1\frac{3}{5} \div 1\frac{3}{2}$                   | $^{d}11$        | <sup>e</sup> 24 | <sup>f</sup> 11 |
| 5 3  | 4               | 20              | 5               |

| Divide these fractions (don't simplify the answer) | <sup>a</sup> 24 | <sup>b</sup> 36 | <sup>c</sup> 10 |
|--|-----------------|-----------------|-----------------|
| $1\frac{1}{3} \div 1\frac{3}{6}$                   | <del>27</del>   | 18              | 9               |
|  | <sup>d</sup> 10 | <sup>e</sup> 10 | <sup>f</sup> 10 |
|  | <del>27</del>   | 12              | 3               |

| 6 Divide these fractions (don't simplify the answer) | <sup>a</sup> 13 | <sup>b</sup> 42 | <sup>c</sup> 13 |
|--|-----------------|-----------------|-----------------|
| 2 1  | 7               | 35              | 5               |
| $1\frac{2}{5} \div 1\frac{2}{6}$                     | <sup>d</sup> 13 | <sup>e</sup> 49 | <sup>f</sup> 13 |
| 5 0  | 35              | 30              | 12              |

| <b>7</b> Divide these fractions (don't simplify the answer) | <sup>a</sup> 7 | <sup>b</sup> 7  | <sup>c</sup> 10 |
|---|----------------|-----------------|-----------------|
| 2 1   | 5              | 3               | <b>15</b>       |
| $1\frac{2}{3} \div 2\frac{1}{2}$                            | <sup>d</sup> 7 | <sup>e</sup> 25 | <sup>f</sup> 7  |
| 3 2   | 8              | 6               | <b>15</b>       |