

Advanced Numbers \* Grouped Computations 3 A

Collaboration means to Describe, Reason, and Justify answers! Scratch Work on Back!  
Analyze steps in any doubtful solutions! Communicate with similar problems & solutions!

$$204 + 57 = \underline{261}$$

$$.76 + 4.5 = \underline{5.26}$$

$$603 - 79 = \underline{524}$$

$$2.6 - .08 = \underline{2.52}$$

$$313 \times 4 = \underline{1252}$$

$$1.7 \times .004 = \underline{.0068}$$

$$528 \div 19 = \underline{27 \frac{15}{19}}$$

$$.03 \div 1.5 = \underline{.02}$$

$$\frac{2}{3} + \frac{4}{5} = \underline{1 \frac{7}{15}}$$

$$3 \frac{3}{4} + 2 \frac{1}{3} = \underline{6 \frac{1}{12}}$$

$$\frac{6}{7} - \frac{2}{3} = \underline{\frac{4}{21}}$$

$$6 \frac{4}{5} - 2 \frac{1}{2} = \underline{4 \frac{3}{10}}$$

$$\frac{2}{3} \times \frac{3}{5} = \underline{\frac{2}{5}}$$

$$2 \frac{1}{3} \times 1 \frac{1}{5} = \underline{3 \frac{4}{5}}$$

$$\frac{2}{5} \div \frac{1}{3} = \underline{1 \frac{1}{5}}$$

$$1 \frac{1}{4} \div 2 \frac{1}{3} = \underline{\frac{15}{28}}$$

$$7^0 + 2^3 = \underline{9}$$

$$\sqrt{169} + \sqrt{64} = \underline{21}$$

$$5^3 - 3^1 = \underline{122}$$

$$\sqrt{225} - \sqrt{4} = \underline{13}$$

$$6^0 \times 8^2 = \underline{64}$$

$$\sqrt{36} \times \sqrt{9} = \underline{18}$$

$$9^1 \div 4^2 = \underline{\frac{9}{16}}$$

$$\sqrt{49} \div \sqrt{81} = \underline{\frac{7}{9}}$$

$$3 : 5 = \underline{4 \frac{1}{5}} : 7$$

$$65\% \text{ of } 20 \text{ is } \underline{13}$$

$$\underline{12} : 8 = 6 : 4$$

$$\underline{33 \frac{1}{3}}\% \text{ of } 18 \text{ is } 6$$

$$3 : 9 = 7 : \underline{21}$$

$$175\% \text{ of } 36 \text{ is } \underline{63}$$

$$5 : \underline{4 \frac{2}{7}} = 7 : 6$$

$$\underline{35}\% \text{ of } 60 \text{ is } 21$$

Advanced Numbers \* Grouped Computations 3 B

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$$75 + 306 = \underline{381}$$

$$4.06 + .2 = \underline{4.26}$$

$$603 - 78 = \underline{526}$$

$$5.08 - .4 = \underline{4.68}$$

$$5 \times 307 = \underline{1535}$$

$$1.5 \times 1.3 = 1.95$$

$$835 \div 18 = \underline{46 \frac{7}{18}}$$

$$1.2 \div .04 = \underline{30}$$

$$\frac{2}{3} + \frac{5}{8} = \underline{1 \frac{7}{24}}$$

$$4 \frac{1}{2} + 3 \frac{4}{7} = \underline{8 \frac{1}{14}}$$

$$\frac{2}{3} - \frac{1}{2} = \underline{\frac{1}{6}}$$

$$5 \frac{3}{4} - 3 \frac{1}{5} = \underline{2 \frac{5}{12}}$$

$$\frac{3}{7} \times \frac{5}{6} = \underline{\frac{5}{14}}$$

$$2 \frac{2}{3} \times 1 \frac{1}{7} = \underline{3 \frac{1}{21}}$$

$$\frac{4}{5} \div \frac{1}{2} = \underline{1 \frac{3}{5}}$$

$$2 \frac{1}{4} \div 1 \frac{2}{5} = \underline{2 \frac{7}{28}}$$

$$8^0 + 9^3 = \underline{28}$$

$$\sqrt{324} + \sqrt{36} = \underline{24}$$

$$6^2 - 5^0 = \underline{36}$$

$$\sqrt{361} - \sqrt{4} = \underline{17}$$

$$3^1 \times 4^3 = \underline{192}$$

$$\sqrt{9} \times \sqrt{16} = \underline{12}$$

$$7^2 \div 2^3 = \underline{6 \frac{1}{8}}$$

$$\sqrt{64} \div \sqrt{25} = \underline{1 \frac{3}{5}}$$

$$5 : 4 = \underline{10} : 8$$

$$45\% \text{ of } 60 \text{ is } \underline{27}$$

$$\underline{\frac{1}{5}} : 6 = 2 : 7$$

$$\underline{15}\% \text{ of } 20 \text{ is } 3$$

$$4 : 5 = 3 : \underline{3 \frac{2}{4}}$$

$$250\% \text{ of } 24 \text{ is } \underline{60}$$

$$2 : \underline{2 \frac{4}{5}} = 5 : 7$$

$$\underline{66 \frac{2}{3}}\% \text{ of } 45 \text{ is } 30$$

Advanced Numbers \* Grouped Computations 3 C

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$$94 + 305 = \underline{399}$$

$$.03 + 3.8 = \underline{3.83}$$

$$302 - 87 = \underline{215}$$

$$6.4 - .07 = \underline{6.33}$$

$$312 \times 7 = \underline{2184}$$

$$.004 \times 2.3 = \underline{.0092}$$

$$345 \div 14 = \underline{24 \frac{9}{14}}$$

$$.28 \div 1.4 = \underline{.2}$$

$$\frac{3}{4} + \frac{3}{5} = \underline{1 \frac{7}{20}}$$

$$3 \frac{5}{9} + 5 \frac{1}{2} = \underline{9 \frac{1}{18}}$$

$$\frac{5}{4} - \frac{2}{3} = \underline{\frac{7}{12}}$$

$$7 \frac{5}{8} - 3 \frac{1}{3} = \underline{4 \frac{7}{24}}$$

$$\frac{3}{4} \times \frac{4}{9} = \underline{\frac{4}{9}}$$

$$1 \frac{1}{3} \times 1 \frac{3}{5} = \underline{2 \frac{2}{15}}$$

$$\frac{4}{5} \div \frac{3}{4} = \underline{1 \frac{1}{15}}$$

$$2 \frac{1}{2} \div 1 \frac{2}{7} = \underline{1 \frac{17}{18}}$$

$$7^0 + 6^3 = \underline{217}$$

$$\sqrt{144} + \sqrt{4} = \underline{14}$$

$$2^3 - 8^0 = \underline{7}$$

$$\sqrt{196} - \sqrt{9} = \underline{11}$$

$$5^1 \times 9^2 = \underline{405}$$

$$\sqrt{64} \times \sqrt{25} = \underline{40}$$

$$4^3 \div 3^2 = \underline{7 \frac{1}{9}}$$

$$\sqrt{16} \div \sqrt{49} = \underline{\frac{4}{7}}$$

$$7 : 8 = \underline{4 \frac{3}{8}} : 5$$

$$15\% \text{ of } 60 \text{ is } \underline{9}$$

$$\underline{9 \frac{1}{3}} : 4 = 7 : 3$$

$$\underline{60}\% \text{ of } 35 \text{ is } 21$$

$$6 : 7 = 3 : \underline{3 \frac{1}{2}}$$

$$125\% \text{ of } 12 \text{ is } \underline{15}$$

$$6 : \underline{2 \frac{1}{4}} = 8 : 3$$

$$\underline{33 \frac{1}{3}}\% \text{ of } 24 \text{ is } 8$$

Advanced Numbers \* Grouped Computations 3 D

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$$709 + 85 = \underline{794}$$

$$2.05 + .4 = \underline{2.45}$$

$$403 - 69 = \underline{334}$$

$$5.06 - .3 = \underline{4.76}$$

$$6 \times 374 = \underline{2244}$$

$$.07 \times 1.4 = \underline{.098}$$

$$537 \div 16 = \underline{33 \frac{9}{16}}$$

$$1.5 \div .03 = \underline{50}$$

$$\frac{3}{5} + \frac{1}{2} = \underline{1 \frac{1}{10}}$$

$$3 \frac{2}{7} + 2 \frac{3}{4} = \underline{6 \frac{1}{28}}$$

$$\frac{3}{4} - \frac{5}{9} = \underline{1 \frac{2}{45}}$$

$$4 \frac{4}{5} - 2 \frac{1}{3} = \underline{2 \frac{7}{15}}$$

$$\frac{5}{4} \times \frac{3}{9} = \underline{\frac{5}{12}}$$

$$2 \frac{1}{3} \times 1 \frac{2}{5} = \underline{3 \frac{4}{15}}$$

$$\frac{3}{4} \div \frac{2}{7} = \underline{2 \frac{5}{8}}$$

$$1 \frac{3}{4} \div 1 \frac{2}{7} = \underline{1 \frac{13}{36}}$$

$$5^3 + 6^1 = \underline{131}$$

$$\sqrt{16} + \sqrt{144} = \underline{16}$$

$$9^2 - 7^0 = \underline{80}$$

$$\sqrt{289} - \sqrt{36} = \underline{11}$$

$$5^1 \times 4^3 = \underline{320}$$

$$\sqrt{81} \times \sqrt{64} = \underline{72}$$

$$5^2 \div 3^1 = \underline{8 \frac{1}{3}}$$

$$\sqrt{25} \div \sqrt{9} = \underline{1 \frac{2}{3}}$$

$$2 : 4 = \underline{2 \frac{1}{2}} : 5$$

$$45\% \text{ of } 20 \text{ is } \underline{9}$$

$$\underline{2 \frac{2}{3}} : 2 = 4 : 3$$

$$\underline{66 \frac{2}{3}\%} \text{ of } 24 \text{ is } 16$$

$$4 : 8 = 7 : \underline{14}$$

$$225\% \text{ of } 40 \text{ is } \underline{90}$$

$$2 : \underline{3 \frac{1}{2}} = 4 : 7$$

$$\underline{33 \frac{1}{3}\%} \text{ of } 24 \text{ is } 8$$