

$$9 - 2 * (\underline{5 - 10}) + 9 = \cancel{10}, \underline{\underline{28}}$$

①

$$9 - 2 * (\underline{-5}) + 9$$

$$\underline{9 + 10} + 9$$

$$\underline{19 + 9}$$

$$\underline{\underline{28}}$$

$$10 - 3 * 4 + 8 =$$

$$\cancel{44}, \underline{\underline{6}}, \cancel{10}$$

②

$$10 - 12 + 8$$

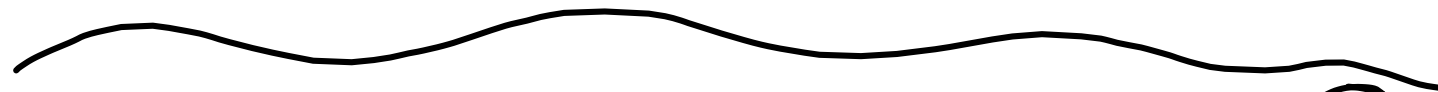
$$-2 + 8$$

$$\underline{\underline{6}}$$

$$18 - 6 * 2 = \cancel{24}, \underline{\underline{6}}$$

③

$$\begin{array}{r} 18 - 12 \\ \hline 6 \\ \hline \end{array}$$



$$10 + 3(2 + 6) = \underline{\underline{34}}, \cancel{32}$$

④

$$10 + 3(\underline{8})$$

$$\begin{array}{r} 10 + 24 \\ \hline 34 \\ \hline \end{array}$$

$$50 - 10(\underline{4-2}) + 6 = \underline{\underline{36}}, \cancel{16}, \cancel{19}, \cancel{6}$$

⑤

$$50 - 10(\underline{2}) + 6$$

$$\underline{50 - 20} + 6$$

$$\underline{30 + 6}$$

$$\underline{\underline{36}}$$

⑥

$$2 * 9 - 3(6 - 1) + 1 =$$

~~2~~, 4, ~~7~~, ~~13~~

$$\underline{2} * 9 - 3(\underline{5}) + 1$$

$$18 - 3(\underline{5}) + 1$$

$$18 - \underline{15} + 1$$

$$\underline{3} + 1$$

$$\underline{\underline{4}}$$

①

$$8 + \frac{24}{4} * 2 = \cancel{11}, \underline{20}, \cancel{32}, \cancel{16}, \cancel{14}$$

$$8 + \frac{6}{1} * 2$$

$$\frac{8 + 12}{1} = \underline{\underline{20}}$$

⑧

$$36 \div 4(5-2) + 6 = \underline{\underline{33}}, \text{ ~~43~~, ~~91~~, ~~20~~}$$

$$\underline{36} \div 4(\underline{3}) + 6$$

$$\underline{9}(\underline{3}) + 6$$

$$\underline{27} + 6$$

$$\underline{\underline{33}}$$

⑨

$$30 - 3 * 4 + 2 = \underline{20}, \cancel{15}, \cancel{14}, \cancel{21}, \cancel{44}$$

$$\underline{30} - \underline{12} + 2$$

$$\begin{array}{r} 18 + 2 \\ \hline 20 \\ \hline \end{array}$$

⑩

$$4 + 6(8 + 2) - 3 = \underline{61}, \text{ ~~7~~ }$$

$$4 + 6(\underline{10}) - 3$$

$$\underline{4 + 60} - 3$$

$$\underline{64} - 3$$

$$\underline{\underline{61}}$$

⑪

$$100 - 10(\underline{2+3}) + 4 = \underline{\underline{54}}, \text{ ~~46~~, ~~90~~, ~~44~~, ~~81~~}$$

$$100 - 10(\underline{5}) + 4$$

$$\underline{100 - 50} + 4$$

$$\underline{50 + 4}$$

$$\underline{\underline{54}}$$

⑫

$$20 - 4 * 2 + 3 = \underline{15}, \cancel{9}$$

$$\underline{20 - 8} + 3$$

$$\underline{12 + 3}$$

$$\underline{\underline{15}}$$

⑬

$$3^2 * 4^3 = \underline{\underline{144}}, \underline{\underline{576}}, \underline{\underline{288}}, \underline{\underline{384}}, \underline{\underline{57}}, \underline{\underline{2303}}$$

$$9 * 4^3$$

$$9 * 64$$

$$\underline{\underline{576}}$$

$$\begin{array}{r} 2 \\ 16 \\ 4 \\ \hline 64 \end{array}$$

$$\begin{array}{r} 34 \\ 9 \\ \hline 576 \end{array}$$

14

$$27 - 256 \div 4^3 = \underline{23}, \cancel{24}, \cancel{37}, \cancel{26}$$

$$27 - 256 \div 64$$

$$\begin{array}{r} 27 - 4 \\ \hline 1 \end{array}$$

$$\underline{\underline{23}}$$

$$\begin{array}{r} 4 \\ \hline 64 \overline{) 256} \\ \underline{256} \\ 0 \end{array}$$

⑮

$$9 * (\underbrace{5+3})^2 - 144 = \underline{\underline{432}}, \cancel{422}$$

$$9 * (\underbrace{8})^2 - 144$$

$$\underline{\quad} 9 * \color{red}{64} - 144$$

$$\underline{\quad} 576 - 144$$

$$\underline{\underline{432}}$$

$$\begin{array}{r} 3 \\ 64 \end{array}$$

$$\begin{array}{r} 9 \\ \hline 576 \end{array}$$

⑩

$$7 + 3 * 2^4 \div 6 = \underline{15}, \cancel{13}, \cancel{11}, \cancel{9}$$

$$7 + 3 * \underline{16} \div 6$$

$$7 + \underline{48} \div 6$$

$$\begin{array}{r} 7 + 8 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 16 \\ 3 \\ \hline 48 \end{array}$$

18

$$9 + 6(8 - 5) = \underline{\underline{27}}$$

$$9 + 6(\underline{3})$$

$$9 + \underline{18}$$

$$\underline{\underline{27}}$$

①9

$$(\underline{14} - 5) \div (9 - 6) = \underline{\underline{3}}, \text{ ~~27~~},$$

$$(\textcolor{blue}{9}) \div (\textcolor{red}{9} - 6)$$

$$(\textcolor{blue}{9}) \div (\textcolor{red}{3})$$

$$\underline{\underline{3}}$$

20

$$5 * 8 + 6 \div 6 - 12 * 2 = \underline{\underline{17}}, \text{ ~~14~~}$$

$$\underline{40} + 6 \div 6 - 12 * 2$$

$$40 + \underline{1} - 12 * 2$$

$$\underline{40 + 1} - \underline{24}$$

$$\underline{41} - 24$$

$$\underline{\underline{17}}$$

$$\begin{array}{r} 341 \\ - 24 \\ \hline 17 \end{array}$$

21

$$\frac{36 - 3 * 4}{15 - 9 \div 3} = \underline{\underline{2}}, \text{ } \cancel{3}$$

$$\frac{36 - 3 * 4}{15 - 9 \div 3} = \frac{\underline{\underline{36 - 12}}}{\underline{\underline{15 - 3}}} = \frac{\cancel{24}^2}{\cancel{12}_1} = \frac{2}{1} = \underline{\underline{2}}$$

$$9 - 2 * (5 - 10) + 9 = \underline{\underline{28}}$$

$$10 - 3 * 4 + 8 = \underline{\underline{6}}$$

$$18 - 6 * 2 = \underline{\underline{6}}$$

$$10 + 3(2 + 6) = \underline{\underline{34}}$$

$$50 - 10(4 - 2) + 6 = \underline{\underline{36}}$$

$$2 * 9 - 3(6 - 1) + 1 = \underline{\underline{4}}$$

$$8 + 24 \div 4 * 2 = \underline{\underline{20}}$$

$$36 \div 4(5 - 2) + 6 = \underline{\underline{33}}$$

$$30 - 3 * 4 + 2 = \underline{\underline{20}}$$

$$4 + 6(8 + 2) - 3 = \underline{\underline{61}}$$

$$100 - 10(2 + 3) + 4 = \underline{\underline{54}}$$

$$20 - 4 * 2 + 3 = \underline{\underline{15}}$$

$$3^2 * 4^3 = \underline{\underline{526}}$$

$$27 - 256 \div 4^3 = \underline{\underline{23}}$$

$$9 * (5 + 3)^2 - 144 = \underline{\underline{432}}$$

$$7 + 3 * 2^4 \div 6 = \underline{\underline{15}}$$

A carpenter charges \$10 per square foot to lay a floor. If the customer has a coupon for \$25 off the total cost, how much will the customer pay for a 100 square foot floor?

$$9 + 6(8 - 5) = \underline{\underline{27}}$$

$$(14 - 5) \div (9 - 6) = \underline{\underline{3}}$$

$$5 * 8 + 6 \div 6 - 12 * 2 = \underline{\underline{17}}$$

$$\frac{36 - 3 * 4}{15 - 9 \div 3} = \underline{\underline{2}}$$

A caterer charges a setup fee of \$50, and \$20 per person. If 35 people attend the party, and the customer has a coupon for \$100 off the total cost, how much will the customer pay?

$$3 + 7(4) + 16 \div 2 - 4(3^2) =$$

$$\frac{5 - 3}{7 - 11} = 8 \div 4 * 3 + 1 - (4^0 - 1) =$$

O.T.L.

① finish the 4 Problems.

↳ will turn in

② Quiz tomorrow
Ch 1.1-1.3.

- know All 3 Steps
- You must include the correct units!
- Draw a 3-D cube

