

0.3

$$1) \frac{-6 \cdot 4(-1)}{-24(-1)} \\ \frac{24}{24}$$

$$3) \frac{3 + (8) \div |4|}{3 + 8 \div (4)} \\ \frac{3 + 2}{5}$$

$$5) \frac{8 \div 4 \cdot 2}{2 \cdot 2} \\ 4$$

$$7) \frac{[-9 - (2 - 5)] \div (-6)}{[-9 - (-3)] \div (-6)} \\ \frac{[(-6)] \div (-6)}{1}$$

$$9) \frac{-6 + (-3 - 3)^2 \div |3|}{-6 + (6)^2 \div 3} \\ \frac{-6 + 36 \div 3}{-6 + 12} \\ 6$$

$$17) \frac{[6 \cdot 2] + 2 - (-6)}{[12 + 2] - (-6)} \left(-5 + \left| \left(-\frac{18}{6} \right) \right| \right) \\ \frac{[14 - (-6)](-5 + |(-3)|)}{[20](-2)} \\ -40$$

$$11) \frac{4 - 2|3^2 - 16|}{4 - 2|9 - 16|} \\ \frac{4 - 2|-7|}{4 - 2(7)} \\ \frac{4 - 14}{-10}$$

$$13) \frac{[-1 - (-5)]|3 + 2|}{[4](5)} \\ 20$$

$$15) \frac{2+4|7+2^2|}{4 \cdot 2 + 5 \cdot 3} \\ \text{Numerator: } 2 + 4|7 + 2^2| \\ 2 + 4|7 + 4| \\ 2 + 4|11| \\ 2 + 4(11) \\ 2 + 44 \\ 46 \\ \text{Denominator: } 4 \cdot 2 + 5 \cdot 3 \\ 8 + 15 \\ 23$$

$$\text{Fraction: } \frac{46}{23} = 2$$

$$19) \frac{-13-2}{2-(-1)^3+(-6)-[-1-(-3)]}$$

Numerator: $\underline{-13-2}$
 -15

Denominator: $2 - (-1)^3 + (-6) - [-1 - (-3)]$
 $2 - \underline{(-1)^3} + (-6) - [2]$
 $\underline{2 - (-1)} + (-6) - [2]$
 $\underline{3 + (-6)} - [2]$
 $\underline{-3 - [2]}$
 -5

Fraction: $-\frac{15}{-5} = 3$

$$21) 6 \cdot \frac{-8-4+(-4)-[-4-(-3)]}{(4^2+3^2) \div 5}$$

Numerator: $-8 - 4 + (-4) - [-4 - (-3)]$
 $\underline{-8 - 4} + (-4) - [-1]$
 $\underline{-12 + (-4)} - [-1]$
 $\underline{-16 - [-1]}$
 -15

Denominator: $(4^2 + 3^2) \div 5$
 $(16 + 9) \div 5$
 $(25) \div 5$
 5

Fraction: $6 \cdot \underline{-\frac{15}{5}} = 6 \cdot -3 = -18$

$$23) \frac{2^3+4}{-18-6+(-4)-[-5(-1)(-5)]}$$

Numerator: $\underline{2^3} + 4$
 $\underline{8 + 4}$
 12

Denominator: $-18 - 6 + (-4) - [-5(-1)(-5)]$
 $-18 - 6 + (-4) - \underline{[5(-5)]}$
 $\underline{-18 - 6} + (-4) - [-25]$
 $\underline{-24 + (-4)} - [-25]$
 $\underline{-28 - [-25]}$
 -3

Fraction: $\frac{12}{-3} = -4$

$$25) \frac{5+3^2-24 \div 6 \cdot 2}{[5+3(2^2-5)]+|2^2-5|^2}$$

$$\text{Numerator: } 5 + \underline{3^2} - 24 \div 6 \cdot 2$$

$$5 + 9 - \underline{24 \div 6} \cdot 2$$

$$5 + 9 - \underline{4 \cdot 2}$$

$$\underline{5 + 9} - 8$$

$$\underline{14 - 8}$$

6

$$\text{Denominator: } [5 + 3(\underline{2^2} - 5)] + |\underline{2^2} - 5|^2$$

$$[5 + 3(\underline{4 - 5})] + |\underline{4 - 5}|^2$$

$$[5 + \underline{3(-1)}] + |-1|^2$$

$$\underline{[5 - 3]} + (-1)^2$$

$$\underline{[2]} + \underline{(-1)^2}$$

$$\underline{2 + 1}$$

3

$$\text{Fraction: } \frac{6}{3} = 2$$