

$$a) 96 \div 3 \cdot 4 + 7$$

$$32 \cdot 4 + 7$$

$$128 + 7$$

$$\boxed{135}$$

$$b.) 8 [(12-5) + 4]$$

$$8 (7+4)$$

$$8 (11)$$

$$\boxed{88}$$

$$c.) 7 [8 (3) \div (15-9)]$$

$$7 [8 (3) \div 6]$$

$$7 (24 \div 6)$$

$$7 \times 4$$

$$\boxed{28}$$

$$d.) 11 \cdot 180 \div 55 \cdot 5$$

$$1980 \div 55 \cdot 5$$

$$36 \cdot 5$$

$$\boxed{180}$$

$$e.) 15 \cdot 3 \div 5 + 12 \div 2$$

$$45 \div 5 + 12 \div 2$$

$$9 + 12 \div 2$$

$$9 + 6$$

$$\boxed{15}$$

$$f.) \{(8-3) \cdot 4 - [6(2+3) - 10]\} + 4$$

$$\{(8-3) \cdot 4 - [6(5) - 10]\} + 4$$

$$[(8-3) \cdot 4 - (30-10)] + 4$$

$$[5 \cdot 4 - (30-10)] + 4$$

$$(5 \cdot 4 - 20) + 4$$

$$(20 - 20) + 4$$

$$\boxed{4}$$

Climbing up Order of Operations

$$g.) \frac{\sqrt{196} + 4^0 - 45 \div 3}{7 \cdot 8 \div 4 - 20 - 6}$$

$$7 \cdot 8 \div 4 - 20 - 6$$

$$\frac{14 + 4^0 - 45 \div 3}{7 \cdot 8 \div 4 - 20 - 6}$$

$$7 \cdot 8 \div 4 - 20 - 6$$

$$\frac{14 + 1 - 45 \div 3}{7 \cdot 8 \div 4 - 20 - 6}$$

$$7 \cdot 8 \div 4 - 20 - 6$$

$$\frac{14 + 1 - 15}{7 \cdot 8 \div 4 - 20 - 6}$$

$$7 \cdot 8 \div 4 - 20 - 6$$

$$\frac{15 - 15}{7 \cdot 8 \div 4 - 20 - 6}$$

$$7 \cdot 8 \div 4 - 20 - 6$$

$$\frac{0}{7 \cdot 8 \div 4 - 20 - 6}$$

$$7 \cdot 8 \div 4 - 20 - 6$$

$$\frac{0}{56 \div 4 - 20 - 6}$$

$$56 \div 4 - 20 - 6$$

$$\frac{0}{14 - 20 - 6}$$

$$14 - 20 - 6$$

$$\frac{0}{-6 - 6}$$

$$-6 - 6$$

$$\boxed{\frac{0}{-12}}$$