

$$\text{Divisor} = d = 11$$

$$\text{Dividendo} = D$$

$$\text{Residuo} = r = 10$$

$$\text{Cociente} = c = 8$$

$$D = c \cdot d + r$$

$$D = 8 \cdot 11 + 10$$

$$D = 88 + 10$$

$$D = 98$$

Al ser el divisor el máximo  
valor que toma es el 10

$$\textcircled{2} M = \left[ \left( 3^3 \div \sqrt{81} \right) + \sqrt{144} \right] \times 2$$

$$N = \left[ 2^5 - \left( \sqrt{27} + \sqrt{29} \right) \right] \times 5^2$$

Calcular  $M+N$

$$M = \left[ (27 \div 9) + 12 \right] \times 2$$

$$M = \left[ 3 + 12 \right] \times 2$$

$$M = 15 \times 2$$

$$M = 30$$

$$N = \left[ 2^5 - (3 + 9) \right] \times 5^2$$

$$N = \left[ 32 - 12 \right] \times 25$$

$$N = \left[ 20 \times 25 \right]$$

$$N = 500$$

$$\therefore M+N = 30 + 500 = 530$$

$$\textcircled{3} (4 + \sqrt{9}) + (3 \times 3)^{\frac{1}{2}} + (\sqrt{16^{21}})^2$$

$$(4 + 3) + (3^{\frac{1}{2}} + 16^2)$$

$$(4 + 3) + 3 + 256$$

$$7 + 3 + 256$$

$$10 + 256$$

$$266$$

$$\textcircled{4} \begin{array}{r} \underline{842} \quad \underline{24} \\ 72 \quad \underline{351} \\ \underline{162} \\ \underline{120} \\ \hline \end{array}$$
$$\begin{array}{r} 27 \\ \underline{24} \\ 3 \end{array}$$

$$\textcircled{5} A = \sqrt{4^2} + [8^{20}]^2 + [16^2]^{\frac{1}{4}}$$

$$A = \sqrt{4} + 8^2 + 16^{\frac{1}{2}}$$

$$A = 2 + 64 + 4$$

$$A = 70$$

$$\textcircled{7} \quad a + b + c = 15$$

$$a^2 8 b +$$

$$7 a 4$$

$$6 5 4$$

$$6 b a$$

$$c 3 c$$

$$6 c 4$$

$$\hline 3737$$

Rpta: 3737

$$\text{compra} = 82$$

$$82 \times 26 = 2132$$

$$82x = 2624$$

$$x = 2624 / 82$$

$$x = 32$$

$$\textcircled{9} \quad \$70 \times 35 = 5,950$$

Nes dice compró 17 casaca a  $\$18 = 17 \times 18 = 306$

$$\therefore \quad 5950$$

$$\quad \underline{306}$$

$$6256$$

$$\textcircled{9} \quad 45900 + 15700 = x + 17700$$

$$61600 - 17700 = x$$

$$43900 - 10300 = x$$

$$33600 = x$$

$$① (5^2 \times \sqrt{49}) \div 35 + (2^3 \times \sqrt{81}) \times 2 + (15)^{10}$$

$$(25 \times 7) \div 35 + (8 \times 9) \times 2 + 5^2$$

$$175 \div 35 + 72 \times 2 + 25$$

$$5 + 72 \times 2 + 25$$

$$5 + 144 + 25$$

$$149 + 1$$

$$150$$