

SUBSTITUTING INTO FORMULAS PRACTICE

①

Given that $P = 3W + 2T$, find the value of P when $W = 20$ and $T = 4$.

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[2]

②

Given that $W = 3P + 2R$, find the value of W when $P = 5$ and $R = 4$.

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[2]

③

Use the formula $R = 3V + 2T$ to find V when $R = 40$ and $T = 5$.

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[3]

④

Use the formula $F = 3W + 2T$ to find the value of F when $W = 8$ and $T = 6$.

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[2]

⑤

Find the value of $3x + 4y$ when $x = -2$ and $y = 5$.

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[2]

⑥

Find the value of $6x + 3y$ when $x = 5$ and $y = -4$.

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[2]