**Substitution into Formulae**

Using the formula $A=L×W$, find the value of $A$ when:

(a) $L=10$ and $W=6$

(b) $L=2.5$ and $W=8$

(c) $L=3.5$ and $W=4$

Using the formula $s=\frac{d}{t} $, find the value of $s$ when:

(a) $d=10$ and $t=2$

(b) $d=450$ and $t=9$

(c) $d=20$ and $t=2.5$

Using the formula $A=\frac{b×h}{2} $, find the value of $A$ when:

(a) $b=10$ and $h=12$

(b) $b=5$ and $h=7$

(c) $b=2.5$ and $h=10$

Using the formula $V=L×W×H $, find the value of $V$ when:

(a) $L=10, W=5$ and $H=2$

(b) $L=8, W=6$ and $H=4$

(c) $L=3, W=4$ and $H=2.5$

Using the formula $F=m×a$, find the value of $V$ when:

(a) $m=4$ and $a=-6$

(b) $m=7.5,$ and $a=-10$

Using the formula $E=\frac{m×v^{2}}{2} $, find the value of $E$ when:

(a) $m=5$ and $v=2$

(b) $m=20,$ and $v=4$

**Substitution into Formulae**

Using the formula $A=L×W$, find the value of $A$ when:

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(a) $L=10, W=5$ and $H=2$

(b) $L=8, W=6$ and $H=4$

(c) $L=3, W=4$ and $H=2.5$

Using the formula $F=m×a$, find the value of $V$ when:

(a) $m=4$ and $a=-6$

(b) $m=7.5,$ and $a=-10$

Using the formula $E=\frac{m×v^{2}}{2} $, find the value of $E$ when:

(a) $m=5$ and $v=2$

(b) $m=20,$ and $v=4$