

Skill 22.2 Substituting into expressions involving \times

1 3 44

Q. If $y = 4$,
find the value of:
 $3 \times y$

A. $3 \times y$
 $= 3 \times 4$
 $= 12$

Substitute y with 4.
Multiply 3 by 4.

Q. If $s = 2$ and $t = 3$,
find the value of:
 $s \times t \times 4$

A. $s \times t \times 4$
 $= 2 \times 3 \times 4$
 $= 6 \times 4$
 $= 24$

Substitute s with 2 and t with 3.
Working from left to right,
multiply 2 by 3.
Then multiply 6 by 4.

a) If $t = 8$,
find the value of:
 $2 \times t$

$= 2 \times 8$
 $= 16$

b) If $h = 7$,
find the value of:
 $3 \times h$

$=$
 $=$

c) If $d = 6$,
find the value of:
 $d \times d$

$=$
 $=$

d) If $a = 5$,
find the value of:
 $a \times a \times 4$

$=$
 $=$
 $=$

e) If $w = 3$ and $x = 4$,
find the value of:
 $2 \times w \times x$

$=$
 $=$
 $=$

f) If $j = 3$ and $k = 7$,
find the value of:
 $3 \times j \times k$

$=$
 $=$
 $=$

g) If $y = 10$,
find the value of:
 $y \times y \times y$

$=$
 $=$
 $=$

h) If $s = 2$ and $t = 8$,
find the value of:
 $s \times t \times 1$

$=$
 $=$
 $=$

i) If $m = 4$ and $n = 6$,
find the value of:
 $5 \times m \times n$

$=$
 $=$
 $=$