**Evaluate expressions by substitution****1**What does this equation become when $p=-3$,
 $b=-5$

$$3p + 6b$$

A

$$3 \times (-3) + 6 \times (-5)$$

B

$$3^{(-3)} + 6^{(-5)}$$

2What does this equation become when $x=5$, $b=3$

$$2(3x - 7b)$$

A

$$2 \times (3 \times 5 - 7 \times 3)$$

B

$$5^3 + 3^7$$

3What does this equation become when $p=-7$, $m=-2$, $r=4$

$$\frac{4p - 3r}{5m}$$

A

$$\frac{4 \cdot (-7) - 3 \cdot 4}{5 \cdot (-2)}$$

B

$$4 - (-7) + 5 - (-2)$$

4What does this equation become when $n=7$, $d=2$,
 $p=6$

$$\frac{4n}{2d + 4p}$$

A

$$\frac{4 \cdot 7}{2 \cdot 2 + 4 \cdot 6}$$

B

$$\frac{4 + 7}{2 + 2} + \frac{4 + 6}{5 + 20}$$

5What does this equation become when $x=-5$,
 $p=-3$, $m=-2$

$$\frac{2x}{3p - 2m}$$

A

$$\frac{2 + (-5)}{3 + (-3)} + \frac{2 + (-2)}{7 + 19}$$

B

$$\frac{2 \cdot (-5)}{3 \cdot (-3) - 2 \cdot (-2)}$$

6What is the value of this equation when $n=-6$,
 $d=-4$, $x=-5$

$$\frac{7n - 6x}{3d}$$

A

$$1$$

B

$$1n$$

C

$$7n - 1$$

D

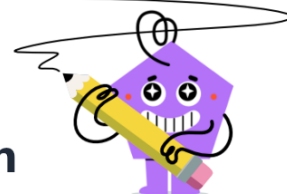
$$-300$$

E

$$300$$

F

$$-1$$



Evaluate expressions by substitution

7

What is the value of this equation when $z=3$, $b=4$

$$3z + 3b$$

A	$3z - 21$	B	81
C	$17z$	D	$z^3 + 21$
E	$21z$	F	21

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What is the value of this equation when $d=7$, $x=-4$, $m=5$

$$\frac{7d^2 - 7m^2}{6x}$$

A	-439	B	$-7d$
C	-5	D	$7d - -7$
E	-7	F	-3

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What is the value of this equation when $x=5$, $z=3$, $n=4$

$$\frac{6x}{2z} + 4n$$

A	1	B	4
C	$6x - 21$	D	$-4x$
E	168	F	21

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What is the value of this equation when $p=3$, $m=4$, $c=2$

$$\frac{4p + 6c}{3m}$$

A	-84	B	2
C	1	D	$4p - 2$
E	84	F	$1p$

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What is the value of this equation when $n=2$, $y=4$

$$\frac{4n^2}{4y}$$

A	1	B	32
C	80	D	$4n - 1$
E	$1n$	F	-4

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What is the value of this equation when $b=3$, $x=5$

$$5(2b + 4x)$$

A	132	B	$130b$
C	36	D	$b^2 + 130$
E	130	F	-36

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What is the value of this equation when $p=2$, $c=3$

$$(2p + 3c)^2$$

A	35	B	$35p$
C	-8	D	169
E	$169p$	F	16

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What is the value of this equation when $c=4$, $d=-3$

$$-7c + 2d$$

A	$-34c$	B	784
C	-34	D	22
E	-37	F	$c^7 + -34$