

Year 5 Homework Answer

Module 6: Introduction to equations

1.

$k+k+k+6$	$3k+6$
$k+k+k+k$	$4k$
$3k+2$	$k+k+k+2$
$6k+k+k+10$	$8k+10$

2.

$8b$	$11t$	$10r$	$9w$
$3y$	$6e$	$2a$	$7f$

3.

$8k$	$7b$
$9x$	$12y$

4.

$a=3$	$b=6$	$c=9$
$y=3$	$s=6$	$t=2$

5.

$x=7$	$s=10$	$y=3$
$q=9$	$n=8$	$r=6$

6.

a. $16b$; $30b$

b. $5a$; $13a$

c. $4x$; $13x$; $19x$

d. $18y$; $21y$; $46y$

7.

H: $r=4$

A: $i=3$

B: $m=7$

R: $p=5$

T: $f=6$

E: $x=9$

7	5	9	3	6	4
B	R	E	A	T	H

8.

a. 8

b. 8

c. 7

d. 16

e. 9

9.

$(t + s) + 4$
$x \times (y \times z)$
$(91 + 9) \times p$
$w \times 9 + 4 \times 9$
$g + 12 = 12 + g$

10.

6	42	17	7
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11.

6	59	12	2
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12.

b	1	2	3	4	5	6	7
b+3	4	5	6	7	8	9	10

t	1	2	3	4	5	6	7
3t-1	2	5	8	11	14	17	20

13.

$P=2x+2y$	$P=4a$	$P=3t$
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14.

$P=2x+2y$ $P=56$	$P=4a$ $P=40$	$P=3t$ $P=42$
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15.

a. $120 \div 8 = \$15$

b. $x \div 8$

16.

a. $30 \times 2 = \$60$

b. $30 \times 3.5 = \$105$

c. $30b$

17.

a. $x-3+2=6$

b. $32+2x=68$

c. $3x+12.96=32.46$

d. $12x+38=422$

18.

$$(y + 4) \times 4 = 28$$

$$y = 3$$

19.

$$(y + 5) \times 5 = 40$$

$$y = 3$$

20.

$$5x + 7x = 180$$

$$x = 15$$

21.

$$6x + 5x = 66$$

$$x = 6$$