

## Word Problems for 21<sup>st</sup> Century Learning \* 5<sup>th</sup> & 6<sup>th</sup> Grade Levels

1. The local **Hollywood** store is having a terrific sale on videos and games.  
Tom uses the expression  $6v + 8g$  to determine the cost of his purchase.  
In the expression, (v) stands for videos and (g) stands for games.  
Using the expression determine the cost of \$2 videos and \$4 games.  
A. \$24      **B. \$44**      C. \$48      D. \$72  
$$6v + 8g = 6(\$2) + 8(\$4) = \$12 + \$32 = \$44$$
2. Games and videos are on sale at the local **Blockbuster** store.  
To determine the cost of her purchase, Mary used the expression  $5g + 4v$ .  
In the expression, (g) stands for games and (v) stands for videos.  
Using the expression determine the cost of \$3 games and \$4 videos.  
A. \$27      B. \$52      **C. \$31**      D. \$24  
$$5g + 4v = 5(\$3) + 4(\$4) = \$15 + \$16 = \$31$$
3. A **HOT** sale at the local **Game and Video Exchange Store** is over soon!  
The expression  $3v + 5g$  is used by Pete to determine the cost of his purchase.  
In the expression, (v) stands for videos and (g) stands for games.  
Using the expression determine the cost of \$5 games and \$2 videos.  
A. \$12      B. \$16      C. \$26      **D. \$31**  
$$3v + 5g = 3(\$2) + 5(\$5) = \$6 + \$25 = \$31$$
4. The local **Hollywood** store is having a fantastic sale on videos and games.  
Patty uses the expression  $4v + 6g$  to determine the cost of her purchase.  
In the expression, (v) stands for videos and (g) stands for games.  
Using the expression determine the cost of \$4 videos and \$2 games.  
A. \$26      **B. \$28**      C. \$30      D. \$24  
$$4v + 6g = 4(\$4) + 6(\$2) = \$16 + \$12 = \$28$$
5. Games and videos are on sale at the local **Blockbuster** store.  
To determine the cost of his purchase, Alex uses the expression  $3g + 2v$ .  
In the expression, (g) stands for games and (v) stands for videos.  
Using the expression determine the cost of \$5.50 games and \$3.50 videos.  
**A. \$23.50**      B. \$22.50      C. \$13.50      D. \$23.00  
$$3g + 2v = 3(\$5.50) + 2(\$3.50) = \$16.50 + \$7 = \$23.50$$
6. A **HUGH** sale at the local **Game and Video Exchange Store** is over this weekend!  
The expression  $4g + 3v$  is used by Nancy to determine the cost of her purchase.  
In the expression, (g) stands for games and (v) stands for videos.  
Using the expression determine the cost of \$4.25 games and \$5.50 videos.  
A. \$22      B. \$23      **C. \$28**      D. \$30  
$$4g + 3v = 4(\$4.25) + 2(\$5.50) = \$17.00 + \$11.00 = \$28.00$$