Jurongville Secondary School

1 Perseverance

Writing Algebraic Expressions

1 Riyan has **$y** at first.

Write an algebraic expression that represents the amount of money he has after each of the following situations (the situations are independent of one another).

	Situation	Algebraic Expression
(a)	He earns $\$y$.	
(b)	He donates $\$x$ to charity.	
(c)	His auntie gives him \$2.	
(d)	He spends \$1.	
(e)*	He shares it equally with 2 siblings.	
(f)*	He receives \$3 from his grandmother but spends $\$m$ on some pokemon cards.	
(g)*	For helping to wash the family car, his elder brother and sister each gives him $\$w$.	

LIVEWORKSHEETS

2 Write an algebraic expression that represents each of the following situations.

	Situation	Algebraic Expression
(a)	Sherena had ***n*** toys. Her friends give her ***b*** toys on her birthdays. How many toys does she have now?	
(b)	Fairul has \$30. He donates \$***x*** to charity. How much money does he have now?	
(c)	A box contains 10 chocolates. How many chocolates are there in 12 such boxes?	
(d)	A box contains ***b*** chocolates. How many chocolates are there in 12 such boxes?	
(e)	A box has 15 apples. The apples are shared equally among 3 friends. How many apples does each friend get?	
(f)	A box has ***c*** apples. The apples are shared equally among 15 friends. How many apples does each friend get?	
(g)	There are 50 strawberries in a box. They are shared equally among 10 persons. How many strawberries does each person get?	

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	Situation	Algebraic Expression
(h)	There are k strawberries in a box. They are shared equally among p persons. How many strawberries does each person get?	

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