

Algebra I

STAAR Alternate 2

Administered April 2016 RELEASED

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ALGEBRA I



Number of Bus Trips	Cost Intel States of AMERICA Intel States of AMERICA Intel States of AMERICA Intel States of AMERICA
1	\$4.00
2	\$8.00
3	

\$12.00

Number of	Coct
Bus Trips	
1	\$4.00
2	\$8.00
3	\$12.00

4	\$16.00
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5	\$16.00
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Buying Songs

Number of Songs 11	Cost
4	\$12.00
5	\$15.00
7	\$21.00



6	\$18.00
8	\$24.00

2	\$8.00
8	\$24.00

3b

Lawn Watering

Number of Lawns	Gallons of Water
1	5
2	10
3	15
4	20



Lawn Watering













2 × 8 = 16 5 × 8 = 40 8 × 8 = 64



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= 2 ×

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Buying a Cell Phone or DVDs



The student can buy -

11b

more DVDs than cell phones, because the cost of the cell phone is 10 times the cost of a DVD

more cell phones than DVDs, because the cost of the DVDs is 10 times the cost of a cell phone

the same number of cell phones as DVDs, because they both cost the same amount

10-Pack



5-Pack

The 5-pack is a better deal, because each bottle costs \$3.00.

The 5-pack is a better deal, because \$15.00 is less than \$20.00.

The 10-pack is a better deal, because each bottle costs \$2.00.

2	2
2 × 2	4
2 × 2 × 2	8

2	2
2 × 2	4
2 × 2 × 2	8

3	3
3 × 3	9
3 × 3 × 3	27

3 × 3 × 3 × 3	81
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Deer Population

Deer Population

Deer Population

3 feet

4 feet

feet

Area =

5 feet

6 feet

7 feet

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