

Name: key Date: 18-19 Pd: M6

The BEST Buy

Instructions: For each question, calculate the unit rate for each option and determine which one is the BEST buy. Write your final choice in the last column. Show process.

- The first one is done as an example for you to follow
- Round all answers to TWO decimal places if necessary

	Option 1	Option 2	Unit Rate 1	Unit Rate 2	BEST BUY
Question #1	3 batteries for \$4.80	12 batteries for \$14.76	$\$4.80 / 3 = \$1.26 / 1 \text{ bat.}$	$\$14.76 / 12 = \$1.23 / 1 \text{ bat.}$	OPTION # 2 (cheaper)
Question #2	22 staplers for \$330	4 staplers for \$80	$\$330 / 22 = \$15 / 1 \text{ st.}$	$\$80 / 4 = \$20 / 1 \text{ st.}$	# 1 is cheaper
Question # 3	5 calculators for \$105	24 calculators for \$552	$\$105 / 5 = \$21 / 1 \text{ calc.}$	$\$552 / 24 = \$23 / 1 \text{ calc.}$	# 1 is cheaper
Question # 4	18 pens for \$6.84	30 pens for \$8.40	$\$6.84 / 18 \text{ p} = \$0.38 / 1 \text{ p}$	$\$8.40 / 30 \text{ p} = \$0.28 / 1 \text{ p}$	# 2 is cheaper
Question # 5	18 ounces for \$7.38	27 ounces for \$15.39	$\$7.38 / 18 \text{ oz} = \$0.41 / 1 \text{ oz}$	$\$15.39 / 27 \text{ oz} = \$0.57 / 1 \text{ oz}$	# 1 is cheaper
Question # 6	11 books for \$99	29 books for \$203	$\$99 / 11 \text{ b} = \$9 / 1 \text{ book}$	$\$203 / 29 \text{ b} = \$7 / 1 \text{ book}$	# 2 is cheaper
Question # 7	\$15.98 for 34 litres of gas	\$4.68 for 12 litres of gas	$\$15.98 / 34 \text{ L} = \$0.47 / 1 \text{ L}$	$\$4.68 / 12 \text{ L} = \$0.39 / 1 \text{ L}$	# 2 is cheaper
Question # 8	\$160 for 10 calendars	\$114 for 6 calendars	$\$160 / 10 \text{ cal} = \$16 / 1 \text{ cal}$	$\$114 / 6 \text{ cal} = \$19 / 1 \text{ cal}$	# 1 is cheaper

Question # 9	16 pounds for \$31.68	28 pounds for \$49.56	$\frac{\$31.68}{16 \text{ lb}} = \frac{\$1.98}{1 \text{ lb}}$	$\frac{\$49.56}{28 \text{ lbs}} = \frac{\$1.77}{1 \text{ lb}}$	2
Question # 10	\$625 for 25 pairs of shoes	\$800 for 33 pairs of shoes	$\frac{\$625}{25 \text{ p}} = \frac{\$25}{1 \text{ p}}$	$\frac{\$800}{33 \text{ p}} = \frac{\$24.24}{1 \text{ p}}$	2
Question # 11	3 litres of pop for \$1.89	10 litres of pop for \$6.90	$\frac{\$1.89}{3 \text{ L}} = \frac{\$0.63}{1 \text{ L}}$	$\frac{\$6.90}{10 \text{ L}} = \frac{\$0.69}{1 \text{ L}}$	1
Question # 12	\$407 for 37 pairs of jeans	\$570 for 48 pairs of jeans	$\frac{\$407}{37 \text{ J}} = \frac{\$11}{1 \text{ J}}$	$\frac{\$570}{48 \text{ J}} \approx \frac{\$11.88}{1 \text{ J}}$	1
Question # 13	12 chocolate bars for \$22	20 chocolate bars for \$33	$\frac{\$22}{12 \text{ c}} \approx \frac{\$1.83}{1 \text{ c}}$	$\frac{\$33}{20 \text{ c}} = \frac{\$1.65}{1 \text{ c}}$	2
Question # 14	24 grams of turkey for \$10.08	9 grams of turkey for \$4.77	$\frac{\$10.08}{24 \text{ g}} = \frac{\$0.42}{1 \text{ g}}$	$\frac{\$4.77}{9 \text{ g}} = \frac{\$0.53}{1 \text{ g}}$	1

