rame.

Manufacturing

Multiple Choice

Identify the choice that best completes the statement or answers the question.

1. The prime cost per item is dependent upon the material and labor costs.

Prime Cost per Item = Direct Material Cost per Item + Direct Labor Cost per Item

Widge	Cost per	Items per	Direct	Labor	Units per	Direct	Prime
t	Unit	Unit	Material	Cost per	Hour	Labor	Cost per
			Cost per	Hour		Cost per	Item
			Item			Item	
1	\$129.88	34		\$12.80	65		
2	67.32	9		20.28	181		
3	41.04	12		13.83	100		
4	63.04	16		20.65	231		

Which widget, to the nearest cent, has a prime cost per item of \$4.02?

c.

- widget 4 a.
- b. widget 3

widget 2 widget 1 d.

_____ 2. The prime cost per item is dependent upon the material and labor costs.

Prime Cost per Item = Direct Material Cost per Item + Direct Labor Cost per Item

Widge	Cost per	Items per	Direct	Labor	Units per	Direct	Prime
t	Unit	Unit	Material	Cost per	Hour	Labor	Cost per
			Cost per	Hour		Cost per	Item
			Item			Item	
1	\$49.91	23		\$34.32	203		
2	44.10	30		17.78	327		
3	238.00	25		10.45	253		
4	121.32	18		36.32	363		

Which widget, to the nearest cent, has a direct material cost per item of \$6.74?

- a. widget 1
- b. widget 3

- c. widget 4d. widget 2
- 3. The prime cost per item is dependent upon the material and labor costs.

Prime Cost per Item = Direct Material Cost per Item + Direct Labor Cost per Item

Widge	Cost per	Items per	Direct	Labor	Units per	Direct	Prime
wiuge	Cost per	nems per	Direct	Labor	Omes per	Diffect	1 mile
t	Unit	Unit	Material	Cost per	Hour	Labor	Cost per
			Cost per	Hour	0.22	Cost per	Item
			Item	S.C.		Item	
1	\$53.01	31		\$37.07	297		
2	20.88	36		10.12	371		
3	309.05	35		10.34	39		
4	269.70	29		28.96	268		

Which widget, to the nearest cent, has a prime cost per item of \$1.83?

a.	widget 3	с.	widget 2
b.	widget 4	d.	widget 1

_____ 4. The prime cost per item is dependent upon the material and labor costs.

Prime Cost per Item = Direct Material Cost per Item + Direct Labor Cost per Item

Widge	Cost per	Items per	Direct	Labor	Units per	Direct	Prime
t	Unit	Unit	Material	Cost per	Hour	Labor	Cost per
			Cost per	Hour		Cost per	Item
			Item			Item	
1	\$112.53	31		\$28.46	384		
2	67.20	7		18.71	137		
3	21.60	10		37.18	202		
4	397.80	45		38.84	208		

Which widget, to the nearest cent, has a direct material cost per item of \$8.84?

widget 1

widget 2

- a. widget 3
- b. widget 4

Numeric Response

5. The prime cost per item is dependent upon the material and labor costs.

Prime Cost per Item = Direct Material Cost per Item + Direct Labor Cost per Item

Emma is a machine operator at the Can-Can Can Company which stamps labels on metal sheets that later become cans. Each sheet can make 107 cans, and the cost per sheet is \$11.48. If Emma is paid \$10.43 per hour and can stamp 149 sheets every hour, what is the prime cost of labeling each can? Express your answer as a dollar amount to the nearest cent.

6. The prime cost per item is dependent upon the material and labor costs.

Prime Cost per Item = Direct Material Cost per Item + Direct Labor Cost per Item

Marty is a machine operator at the Can-Can Can Company which stamps labels on metal sheets that later become cans. Each sheet can make 109 cans, and the cost per sheet is \$12.49. If Marty is paid \$10.92 per hour and can stamp 121 sheets every hour, what is the prime cost of labeling each can? Express your answer as a dollar amount to the nearest cent.

7. The prime cost per item is dependent upon the material and labor costs.

Prime Cost per Item = Direct Material Cost per Item + Direct Labor Cost per Item

Irene is a machine operator at the Can-Can Can Company which stamps labels on metal sheets that later become cans. Each sheet can make 119 cans, and the cost per sheet is \$11.94. If Irene is paid \$14.52 per hour and can stamp 124 sheets every hour, what is the prime cost of labeling 83 cans? Express your answer as a dollar amount to the nearest cent.

8. The prime cost per item is dependent upon the material and labor costs.

Prime Cost per Item = Direct Material Cost per Item + Direct Labor Cost per Item

Tanya is a machine operator at the Cook Can Company which stamps labels on metal sheets that later become cans. Each sheet can make 101 cans, and the cost per sheet is \$11.32. If Tanya is paid \$12.04 per hour and can stamp 147 sheets every hour, what is the prime cost of labeling 75 cans? Express your answer as a dollar amount to the nearest cent.

Manufacturing Answer Section

MULTIPLE CHOICE

1.	ANS:	D	PTS:	1
2.	ANS:	С	PTS:	1
3.	ANS:	D	PTS:	1
4.	ANS:	В	PTS:	1

NUMERIC RESPONSE

- 5. ANS: 0.11
 - PTS: 1
- 6. ANS: 0.12
 - PTS: 1
- 7. ANS: 8.41
 - PTS: 1
- 8. ANS: 8.47
 - PTS: 1