

1. Maya's boss asked her to find out how many quarts of yellow paint were in stock. Maya counted 7 boxes of yellow paint in stock. Each box contained 6 quarts of yellow paint. How many quarts of yellow paint were in stock?

A 6
B 13
C 42

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2. Mrs. Smith has 32 students. She divides them into 4 equal groups. How many students are in each group?

A 8
B 28
C 36

3. This is Tyrese's first paycheck.

Date <u>January 31, 2006</u>											
Pay to the order of	<u>Tyrese Smith</u> \$ 705.00										
<i>Seven hundred five and 00/100 Dollars</i>											
<u>John Doe</u>											

SSN: 123-45-6789	<table border="1"><tr><td>Gross</td><td>\$800.00</td></tr><tr><td>FICA</td><td>\$40.00</td></tr><tr><td>SSI</td><td>\$30.00</td></tr><tr><td>Insurance</td><td>\$25.00</td></tr><tr><td>Net</td><td>\$705.00</td></tr></table>	Gross	\$800.00	FICA	\$40.00	SSI	\$30.00	Insurance	\$25.00	Net	\$705.00
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Which of these amounts from the pay stub is a deduction?

- A \$800
B \$40
C \$705

4. Pam went shopping and purchased one pair of pants, one shirt, and one pair of shoes. Pam's receipt is shown below.

Receipt	
Pants.....	\$10.75
Shirt.....	\$7.98
Shoes.....	\$12.95
Shoes.....	\$12.95

Pam was charged twice for which item?

- A Pants
- B Shirt
- C Shoes

5. Joey has a doctor's appointment in two weeks. Today is November 8.

November						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2	3
4	5	6	7	⑧	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

What is Joey's appointment date?

- A November 20
- B November 22
- C November 30
-
6. It takes Greg 2 hours and 20 minutes to mow his yard. What time will Greg finish if he starts mowing at 10:50 a.m.?
- A 12:70 p.m.
- B 1:10 p.m.
- C 2:20 p.m.

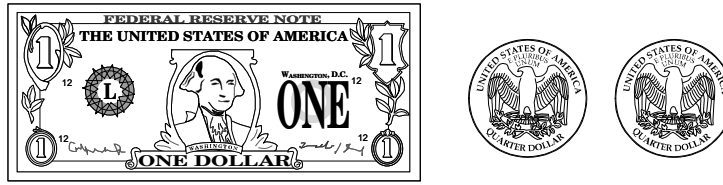
7. Which class is Sara in at 10:00 a.m.?

Sara's Daily School Schedule

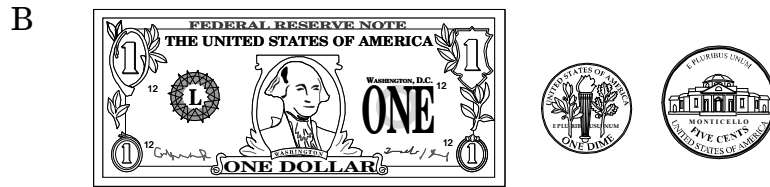
Class	Start	End
Math	7:45 a.m.	9:15 a.m.
Science	9:25 a.m.	10:55 a.m.
Lunch	11:00 a.m.	11:30 a.m.
Occupational Prep	11:35 a.m.	1:10 p.m.
English	1:15 p.m.	2:45 p.m.

- A Math
- B Science
- C English
-
8. A pencil costs 10 cents. How much change should be given if a customer pays for the pencil with a quarter?
- A 15 cents
- B 35 cents
- C 40 cents

9. Phillip has the amount of money shown below in his pocket.



Which of the following shows the same amount of money that Phillip has in his pocket?



10. Rachel went out for lunch. Her bill is below.

Bill	
Items	Cost
Sandwich	\$4.25
French fries	\$1.50
Bowl of soup	\$2.25
Iced tea	\$1.40
Subtotal	_____
7% tax	_____
Total	_____

What was the total cost of Rachel's meal when a 7% tax is added to the subtotal?

- A \$11.57
- B \$10.06
- C \$10.81

End of Sample Items

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Answers to *NCEXTEND2* Occupational Math I Sample Items

Goal 2

- Objective 1.11**
Memorize or demonstrate the ability to use multiplication fact tables through 10
Thinking Skill: Applying **Correct Answer:** C
- Objective 1.14**
Divide numbers with and without remainders
Thinking Skill: Applying **Correct Answer:** A
- Objective 2.12**
Identify and recognize:
 - hourly wage
 - gross pay
 - net pay
 - deductions on a paycheck stub**Thinking Skill:** Organizing **Correct Answer:** B
- Objective 2.13**
Solve problems by identifying and correcting errors
Thinking Skill: Organizing **Correct Answer:** C
- Objective 3.02**
Sequence months and use the calendar to solve problems
Thinking Skill: Applying **Correct Answer:** B
- Objective 3.07**
Solve problems related to time
Thinking Skill: Applying **Correct Answer:** B
- Objective 3.08**
Recognize and identify regularly scheduled activities based on time
Thinking Skill: Organizing **Correct Answer:** B
- Objective 4.05**
Estimate cost and make change -- using coins up to \$1.00
Thinking Skill: Applying **Correct Answer:** A

9. Objective 4.06

Determine the value of sets of coins to \$5.00 creating equivalent amounts with different coins and bills

Thinking Skill: Applying

Correct Answer: C

10. Objective 4.16

Compute the cost of a meal, including sub-total, tax and gratuity

Thinking Skill: Applying

Correct Answer: B