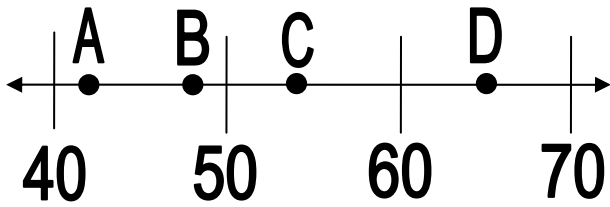


Name _____ Date _____ Part 1

<p style="text-align: right;">(1B)</p> <p>1. Which means the same as 527?</p> <p><input type="radio"/> $5 + 2 + 7$</p> <p><input type="radio"/> $50 + 20 + 7$</p> <p><input type="radio"/> $500 + 2 + 7$</p> <p><input type="radio"/> $500 + 20 + 7$</p>	<p style="text-align: right;">(1B)</p> <p>5. What is another name for $300 + 20$?</p> <p><input type="radio"/> 320</p> <p><input type="radio"/> 302</p> <p><input type="radio"/> 3020</p> <p><input type="radio"/> 3200</p>
<p style="text-align: right;">(1B)</p> <p>2. What is another name for 680?</p> <p><input type="radio"/> $68 + 0$</p> <p><input type="radio"/> $60 + 8$</p> <p><input type="radio"/> $600 + 80$</p> <p><input type="radio"/> $600 + 8$</p>	<p style="text-align: right;">(1B)</p> <p>6. Which means the same as 240?</p> <p><input type="radio"/> 24 ones</p> <p><input type="radio"/> 24 tens</p> <p><input type="radio"/> 24 hundreds</p> <p><input type="radio"/> 24 thousands</p>
<p style="text-align: right;">(1B)</p> <p>3. Which is another name for 53 tens?</p> <p><input type="radio"/> 503</p> <p><input type="radio"/> 530</p> <p><input type="radio"/> 5003</p> <p><input type="radio"/> 5300</p>	<p style="text-align: right;">(1B)</p> <p>7. Which means the same as $300 + 9$?</p> <p><input type="radio"/> 390</p> <p><input type="radio"/> 309</p> <p><input type="radio"/> 3,009</p> <p><input type="radio"/> 30,009</p>
<p style="text-align: right;">(1B)</p> <p>4. Which means the same as 207?</p> <p><input type="radio"/> $2 + 70$</p> <p><input type="radio"/> $20 + 7$</p> <p><input type="radio"/> $20 + 70$</p> <p><input type="radio"/> $200 + 7$</p>	<p style="text-align: right;">(1B)</p> <p>8. What is another name for $900 + 70 + 5$?</p> <p><input type="radio"/> 957</p> <p><input type="radio"/> 975</p> <p><input type="radio"/> 9705</p> <p><input type="radio"/> 9075</p>

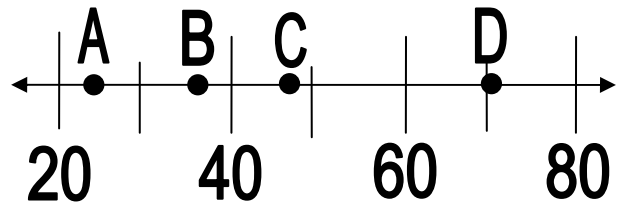
(1D)



9. Which point on the number line **most** accurately represents 54?

- A
 B
 C
 D

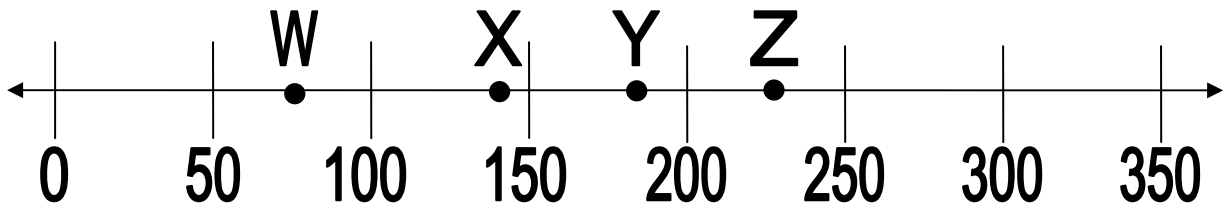
(4D)



10. Which number would point C be **closest** to on the number line?

- 40
 59
 55
 48

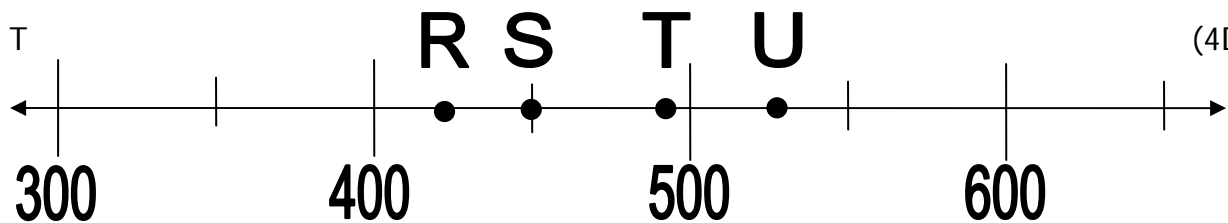
(4D)



11. Which letter on the number line indicates 140?

- W
 X
 Y
 Z

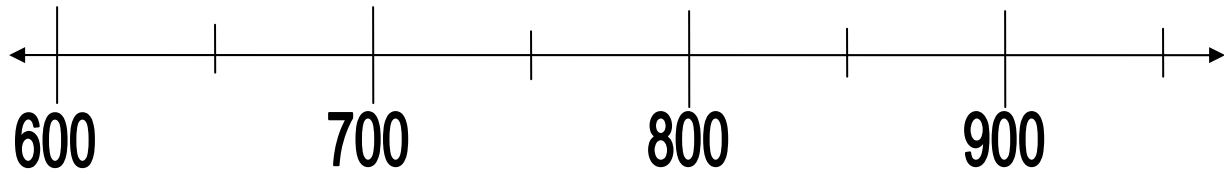
(4D)



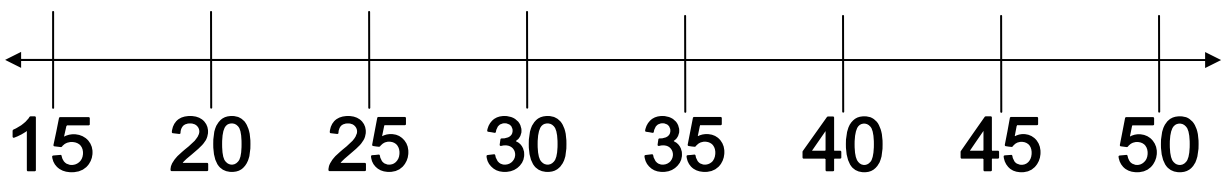
12. Which point on the number line **most** accurately represents 450?

- R T
 S U

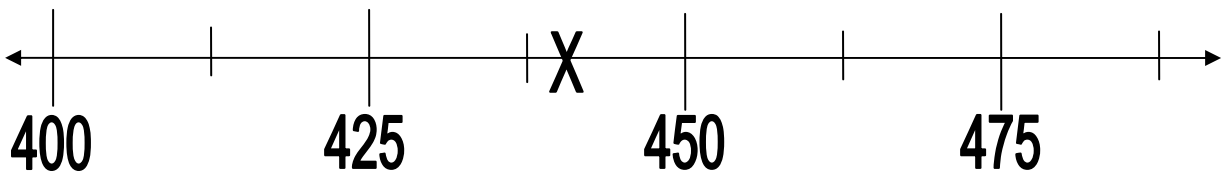
13. Draw a black dot on the number line that **best** represents 775. (4E)



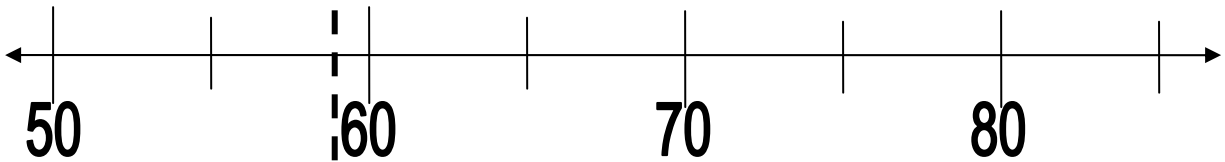
14. Draw a heavy line through the number line to show where 34 would be. (4E)



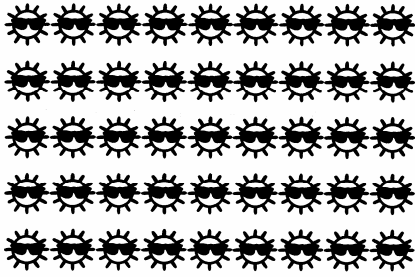
15. What number **best** represents the X on the number line? Write the number. _____ (4E)



16. What number **best** represents the dotted line drawn through the number line? Write the number. _____ (4E)



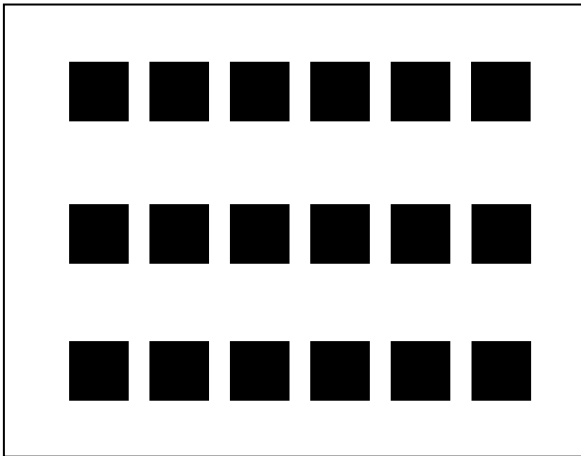
(5A)



17. Which number fact describes this picture?

- $5 \times 9 = \square$
 $9 - 5 = \square$
 $45 \div 5 = \square$
 $5 + 9 = \square$

(5A)

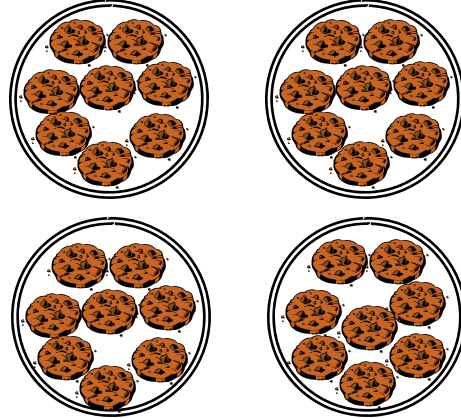


18. Which of the following goes with the picture?

- $3 \times 3 = \square$
 $5 \times 6 = \square$
 $3 \times 5 = \square$
 $3 \times 6 = \square$

(5A)

Nancy baked 8 chocolate chip cookies for her 3 friends and herself..



19. Which fact could be used to find how many cookies she baked?

- $4 \times 8 = \square$
 $8 \div 4 = \square$
 $8 + 4 = \square$
 $8 - \square = 4$

(5A)



20. Marc put 7 computer games in each of 4 boxes. Which number fact would be used to tell how many computer games he has?

- $4 + 7 = \square$
 $28 - 7 = \square$
 $7 \times 28 = \square$
 $4 \times 7 = \square$

(5C)

21. Write a story problem that can be solved using the number sentence

$$3 \times 7 = \square.$$

(6A)

22. Solve this problem.

$$7 \times 4 = \square$$

- 24
- 28
- 30
- 32

(6A)

24. Solve this problem.

$$5 \times 8 = \square.$$

- 30
- 35
- 40
- 45

(6A)

23. Solve this problem.

$$\begin{array}{r} 3 \\ \times 9 \\ \hline \end{array}.$$

- 18
- 21
- 25
- 27

(6A)

25. Solve this problem.

$$\begin{array}{r} 4 \\ \times 6 \\ \hline \end{array}.$$

- 20
- 22
- 24
- 26

26. Solve this problem. (7B)

$$\begin{array}{r} 26 \\ \times 4 \\ \hline \end{array}$$

- 96
 100
 104
 108

30. Solve this problem. (7B)

$$\begin{array}{r} 79 \\ \times 2 \\ \hline \end{array}$$

- 138
 148
 158
 168

27. Solve this problem. (7B)

$$\begin{array}{r} 42 \\ \times 3 \\ \hline \end{array}$$

- 125
 126
 165
 166

31. Solve this problem. (7B)

$$\begin{array}{r} 85 \\ \times 3 \\ \hline \end{array}$$

- 245
 255
 405
 415

28. Solve this problem. (7B)

$$27 \times 5 =$$

- 105
 135
 255
 355

32. Solve this problem. (7B)

$$59 \times 4 =$$

- 244
 245
 236
 263

29. Solve this problem. (7B)

$$68 \times 2 =$$

- 126
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 172

33. Solve this problem. (7B)

$$89 \times 5 =$$

- 405
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 455
 495

Grade 4 – Topic 7 (PART 1): Multiplying by 1-Digit Numbers
December 12, 2005

Obj. 1B: Identify alternative forms of expressing whole numbers < 1000 using expanded notation.

Obj. 4D: Identify points representing 2- and 3-digit whole numbers on a number line and vice versa.

PLEASE NOTE: Obj. 4D also includes fractions (halves, thirds, fourths) and decimals (tenths). That practice will be included in Topic 10.

Obj. 4E: Locate points representing 2- and 3-digit whole numbers on a number line and vice versa.

PLEASE NOTE: Obj. 4E also includes fractions (halves, thirds, fourths) and decimals (tenths). That practice will be included in Topic 10.

Obj. 5A: Identify members of multiplication fact families from arrays (factors of 2, 3, 4, 5, and 10)

PLEASE NOTE: Obj. 5A also includes division fact families and will be covered in Topic 11.

Obj. 5C: Write a story problem that matches a given multiplication sentence. Use 1-digit factors for multiplication.

PLEASE NOTE: Obj. 5C also includes story problems for addition and subtraction. Those story problems are included in Topics dealing with addition and subtraction.

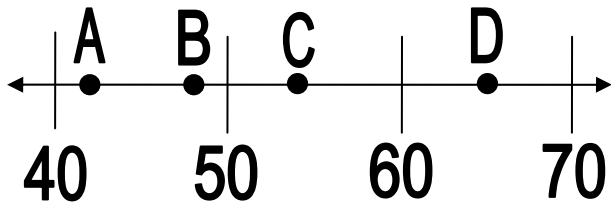
Obj. 6A: Find the missing product in a multiplication equation where one factor is 2, 3, 4, 5, or 10.

Obj. 7B: Multiply 2-digit whole numbers by one digit [*Factors of 2, 3, 4, 5, and 10*].

ANSWERS

<p style="text-align: right;">(1B)</p> <p>1. Which means the same as 527?</p> <p><input type="radio"/> 5 + 2 + 7</p> <p><input type="radio"/> 50 + 20 + 7</p> <p><input type="radio"/> 500 + 2 + 7</p> <p><input type="radio"/> 500 + 20 + 7 ***</p>	<p style="text-align: right;">(1B)</p> <p>5. What is another name for 300 + 20?</p> <p><input type="radio"/> 320 ***</p> <p><input type="radio"/> 302</p> <p><input type="radio"/> 3020</p> <p><input type="radio"/> 3200</p>
<p style="text-align: right;">(1B)</p> <p>2. What is another name for 680?</p> <p><input type="radio"/> 68 + 0</p> <p><input type="radio"/> 60 + 8</p> <p><input type="radio"/> 600 + 80 ***</p> <p><input type="radio"/> 600 + 8</p>	<p style="text-align: right;">(1B)</p> <p>6. Which means the same as 240?</p> <p><input type="radio"/> 24 ones</p> <p><input type="radio"/> 24 tens ***</p> <p><input type="radio"/> 24 hundreds</p> <p><input type="radio"/> 24 thousands</p>
<p style="text-align: right;">(1B)</p> <p>3. Which is another name for 53 tens?</p> <p><input type="radio"/> 503</p> <p><input type="radio"/> 530 ***</p> <p><input type="radio"/> 5003</p> <p><input type="radio"/> 5300</p>	<p style="text-align: right;">(1B)</p> <p>7. Which means the same as 300 + 9?</p> <p><input type="radio"/> 390</p> <p><input type="radio"/> 309 ***</p> <p><input type="radio"/> 3,009</p> <p><input type="radio"/> 30,009</p>
<p style="text-align: right;">(1B)</p> <p>4. Which means the same as 207?</p> <p><input type="radio"/> 2 + 70</p> <p><input type="radio"/> 20 + 7</p> <p><input type="radio"/> 20 + 70</p> <p><input type="radio"/> 200 + 7 ***</p>	<p style="text-align: right;">(1B)</p> <p>8. What is another name for 900 + 70 + 5?</p> <p><input type="radio"/> 957</p> <p><input type="radio"/> 975 ***</p> <p><input type="radio"/> 9705</p> <p><input type="radio"/> 9075</p>

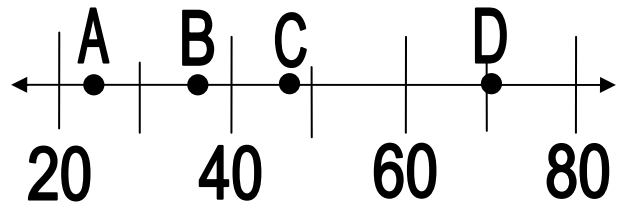
(1D)



9. Which point on the number line **most** accurately represents 54?

- A
 B
 C ***
 D

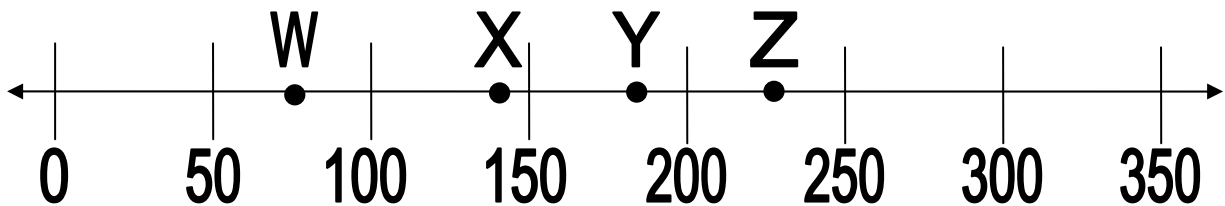
(4D)



10. Which number would point C be **closest** to on the number line?

- 40
 59
 55
 48 ***

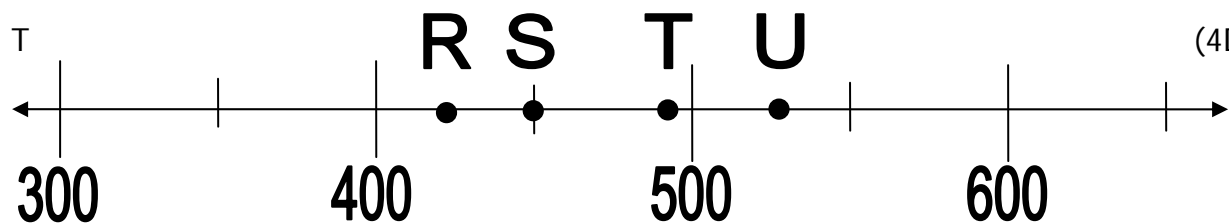
(4D)



11. Which letter on the number line indicates 140?

- W
 X ***
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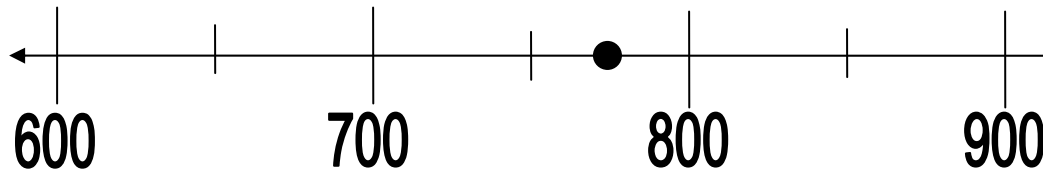
(4D)



12. Which point on the number line **most** accurately represents 450?

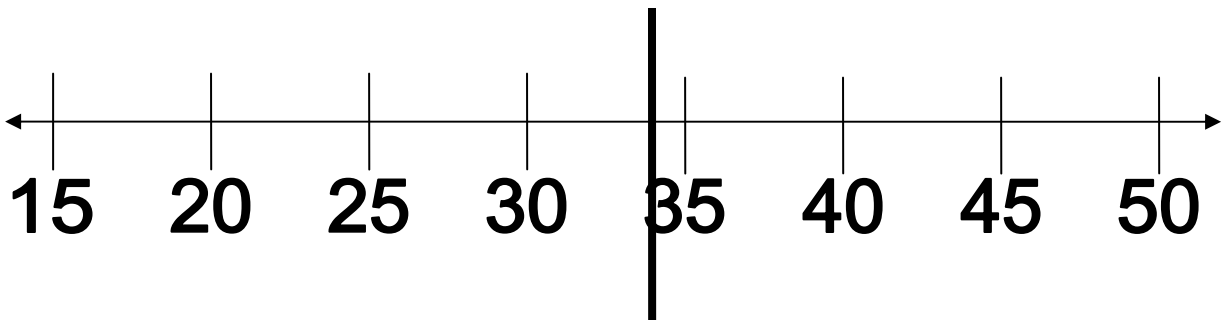
- R *** T
 S U

13. Draw a black dot on the number line that **best** represents 775. (4E)

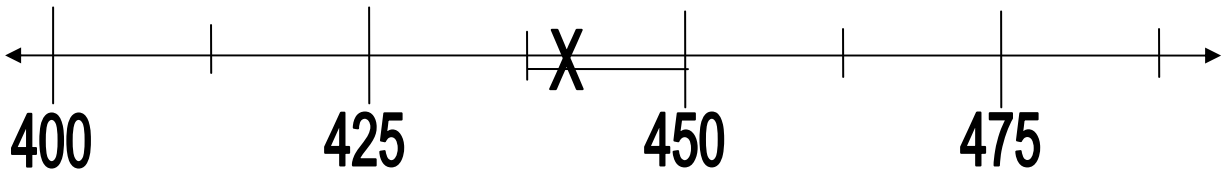


Dot needs to be very close to middle of 750 and 800

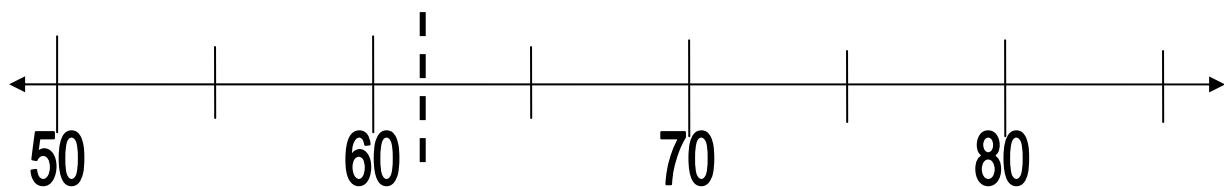
14. Draw a heavy line through the number line to show where 34 would be. (4E)



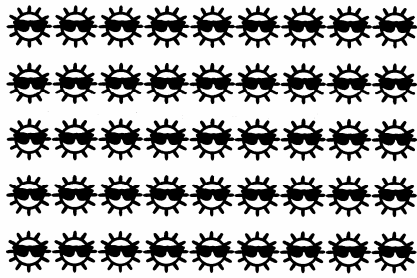
15. What number **best** represents the X on the number line? Write the number. 440 (Accept 438 to 445) (4E)



16. What number **best** represents the dotted line drawn through the number line? Write the number. 62 Accept any number in the range of 61 - 63 (61, 62, 63). (4E)



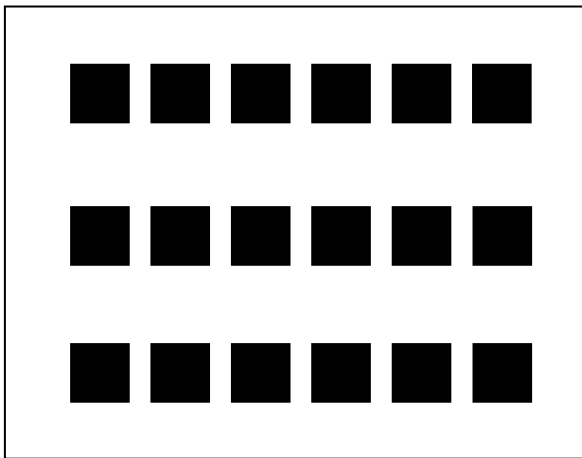
(5A)



17. Which number fact describes this picture?

- $5 \times 9 = \square$ ***
- $9 - 5 = \square$
- $45 \div 5 = \square$
- $5 + 9 = \square$

(5A)

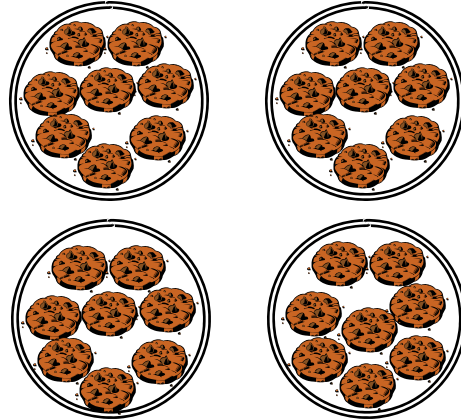


18. Which of the following goes with the picture?

- $3 \times 3 = \square$
- $5 \times 6 = \square$
- $3 \times 5 = \square$ ***
- $3 \times 6 = \square$

(5A)

Nancy baked 8 chocolate chip cookies for her 3 friends and herself..



19. Which fact could be used to find how many cookies she baked?

- $4 \times 8 = \square$ ***
- $8 \div 4 = \square$
- $8 + 4 = \square$
- $8 - \square = 4$

(5A)



20. Marc put 7 computer games in each of 4 boxes. Which number fact would be used to tell how many computer games he has?

- $4 + 7 = \square$
- $28 - 7 = \square$
- $7 \times 28 = \square$
- $4 \times 7 = \square$ ***

(5C)

21. Write a story problem that can be solved using the number sentence

$$3 \times 7 = \square .$$

REPEATED ADDITION MODEL OF MULTIPLICATION: Imelda can buy 3 pairs of shoes in one hour (on a good shopping day). How many pairs of shoes could she buy in 7 hours (on a good shopping day)?

ARRAY MODEL OF MULTIPLICATION: Imelda put 3 pairs of shoes in each vault. (She really, really loves her shoes!) Her closet has 7 vaults. How many pairs of shoes are in all 7 vaults?

CARTESIAN PRODUCTS MODEL OF MULTIPLICATION: Imelda went shopping and bought 3 skirts and 7 blouses (with diamond buttons of course). How many different outfits could Imelda put together with her new clothes?

(6A)

22. Solve this problem.

$$7 \times 4 = \square$$

- 24
 28 ***
 30
 32

(6A)

24. Solve this problem.

$$5 \times 8 = \square .$$

- 30
 35
 40 ***
 45

(6A)

23. Solve this problem.

$$\begin{array}{r} 3 \\ \times 9 \\ \hline \end{array}$$

- 18
 21
 25
 27 ***

(6A)

25. Solve this problem.

$$\begin{array}{r} 4 \\ \times 6 \\ \hline \end{array}$$

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26. Solve this problem. (7B)

$$\begin{array}{r} 26 \\ \times 4 \\ \hline \end{array}$$

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$$\begin{array}{r} 79 \\ \times 2 \\ \hline \end{array}$$

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- 245
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28. Solve this problem. (7B)

$$27 \times 5 =$$

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32. Solve this problem. (7B)

$$59 \times 4 =$$

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