

4
x 7
$\qquad$

1
$\times 7$


8
x 7

3
x 7

## STORY PROBLEM:

If Cassandra has to practice the piano for 7 hours each month, how many hours would she practice in one year?


## Multiplication using 7 and



## STORY PROBLEM:

Mrs. W illiams' class is making music videos for a project. There are 7 groups in the class who are supposed to make a 3 minute long video. If all of the groups make a video that is 3 minutes long, how many tot al minutes of video will the class create?

| 8 |
| ---: |
| $\times 8$ |


| 0 |  |
| ---: | ---: |
| $\times 8$ | 3 |


11
$\times 8$
10
$\times 8$

| 7 |
| ---: |
| $\times 8$ |

$\begin{array}{r}12 \\ \times 8 \\ \hline\end{array}$
$\qquad$

$\begin{array}{r}9 \\ \times 8 \\ \hline\end{array}$
7
x 8

## STORY PROBLEM:

Mr. Mohlman let his class play 4 different educational computer games today. He let them play each game for 8 minutes. How many minutes did his class play games?

$6 \mathrm{x} \quad 8=$
$8 \mathrm{x} \quad 8=$
$8 \times 12=$
$11 \mathrm{x} 8=$
$2 \times 8=$
$7 \mathrm{x} \quad 8=$
$8 \times 5=$
$1 \mathrm{x} 8=$
$3 \mathrm{x} 8=$
$8 \times 9=$
$7 \mathrm{x} \quad 8=$
8 x $9=$
$0 \mathrm{x} \quad 8=$
$1 \times 8=$
8 x $2=$
$8 \times 11=$
$10 \mathrm{x} 8=$
$8 \mathrm{x}=$
$5 \mathrm{x} 8=$
$4 \times 8=$
$12 \mathrm{x} \quad 8=$

## STORY PROBLEM:

Marie's family is moving and her mother asked her to start packing up her books. She gave her several small boxes to put them in. Marie w as able to put 8 books in each box. She filled 9 boxes with her books. How many books does Marie have?


11
x 9

- x


0
x 9
$\qquad$
10
x 9
$\qquad$
-
.
x 9
$\begin{array}{r}4 \\ \times 9 \\ \hline\end{array}$
-

7
x 9
x 9
$\qquad$
$-$
1
$\times 9$
$\qquad$
x 9
$\qquad$

1
x 9
$\qquad$
$\begin{array}{r}2 \\ \times 9 \\ \hline\end{array}$
$\begin{array}{r}3 \\ \times 9 \\ \hline\end{array}$
-
$\begin{array}{r}9 \\ \times 9 \\ \hline\end{array}$

8
x 9
$\qquad$

12
x 9
$\qquad$
$5 \quad 10$

| 5 | 10 |
| ---: | ---: |
| $\times 9$ | $\times 9$ |

$$
\begin{array}{r}
8 \\
\times 9 \\
\hline
\end{array}
$$

9
x 9


Multiplication using 9 and values between 0 and $\mathbb{D}$

$9 \mathrm{x} 8=$
$9 \mathrm{x}=$
9 x $9=$

## STORY PROBLEM:

Each year over winter break, R on's extended family rents 9 snow mobiles. They like to put 2 people on each snow mobile and go in a group for long drives. How many people can go in each group of snow mobiles?
$\begin{array}{r}5 \\ \times 10 \\ \hline\end{array}$

5
x 10
-

12
x 10


| 1 | 10 |
| ---: | ---: |
| x 10 | x 10 |


| 8 |
| ---: |
| $\times 10$ |


| 4 |
| ---: |
| $\times 10$ |


| 12 |
| ---: |
| $\times 10$ |

4
x 10

## STORY PROBLEM:

Scott comes from a large family, and they all get to help with the laundry. There are 10 people in Scott's family and they are all responsible to do 4 loads of laundry each week. How many total loads of laundry are done at Scott's house each week?

## Multiplication using 10 and

 values betw een 0 and $D$
$9 \times 10=$
$10 \times 10=$

## STORY PROBLEM:

The school choir is having practice after school. W hen they get to practice, they are divided up into 6 groups of 10 to practice their parts. How many kids are in the choir?

| 6 | 8 |
| ---: | ---: |
| $\times 11$ | $\times 11$ |



11
x 11

$\qquad$
1
$\times 11$
9
$\times 11$
10
x 11

| 6 | 2 |
| ---: | ---: |
| $\times 11$ | x 11 |

$$
\begin{array}{r}
5 \\
\times 11
\end{array}
$$

12
$\times 11$
2
x 11

| 12 |  |
| ---: | ---: |
| $\times 11$ | $\times 11$ |


| 10 |
| ---: |
| $\times 11$ |

8
x 11

## STORY PROBLEM:

Miss Johnson's class is learning about fire saf ety today. She invited a fireman, a police of ficer, and a doct or to come and talk to the kids. She has each guest take a group of 11 kids at a time. How many kids are in Miss Johnson's class?


Multiplication using 11 and values betw een 0 and $D$


## STORY PROBLEM:

Bonnie's mom just had a baby, and Bonnie has been trying to help her out. She decided that she was going to of fer to change all of the baby's diapers, until she realiz ed how many diaper changes a new born baby needs. Bonnie's mom says that the baby needs a new diaper 11 times a day. If Bonnie changed all the diapers, how many would Bonnie change in a w eek?

Multiplication using $R$ and values betw een 0 and $\mathbb{D}$


| 12 | 4 | 3 | 5 | 7 |
| :---: | :---: | :---: | :---: | :---: |
| x 12 | x 12 | x 12 | x 12 | x 12 |
|  |  |  |  |  |
| 3 | 12 | 3 | 1 | 10 |
| x 12 | x 12 | x 12 | x 12 | x 12 |

## STORY PROBLEM:

During J on's gym class, they were learning to play baseball. His class was divided into 2 teams of $\mathbb{D}$ people each. How many people are in Jon's class?



## STORY PROBLEM:

Mrs. Carol is putting together packets for Mr. Herrmann's class. She has a large pile are papers to staple into packets. She is stapling together $\mathbb{D}$ pages, and she is making a total of 12 packets. How many total pages are in her pile?

## Multiplication using numbers betw een 0 and $\mathbb{D}$

| 9 $\times 8$ | 8 $\times 2$ | 6 $\times 4$ | 12 $\times 3$ | 7 $\times 2$ |
| :---: | :---: | :---: | :---: | :---: |
| 5 | 4 | 4 | 8 | 8 |
| x 1 | x 12 | x 2 | x 0 | x 5 |
| 4 | 10 | 11 | 5 | 11 |
| x 0 | x 1 | x 2 | x 4 | x 0 |
| 6 | 7 | 10 | 6 | 12 |
| x 8 | x 6 | x 3 | x 1 | x 7 |
| 9 | 11 | 2 | 5 | 9 |
| x 6 | x 4 | x 9 | x 8 | x 3 |



## Multiplication using numbers betw een 0 and $\mathbb{D}$

| $\begin{array}{r} 11 \\ \times 3 \end{array}$ | 10 $\times 7$ |  | 8 $\times 3$ | 5 $\times 2$ |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
| 11 | 6 | 5 | 2 | 9 |
| x 4 | x 5 | x 7 | x 8 | x 3 |
| 2 | 11 | 6 | 8 | 10 |
| x 10 | x 3 | x 12 | x 6 | x 6 |
| 9 | 1 | 8 | 9 | 8 |
| x 5 | x 12 | x 2 | x 3 | x 4 |
| 2 | 8 | 9 | 10 | 11 |
| x 6 | x 7 | x 6 | x 12 | x 10 |

5
x 2

9
x 3

10
x 6

8
x 4

11
x 10


- 15 -


## REV IEW

Multiplication using numbers betw een 0 and $\mathbb{R}$


- 16 -


## STORY PR OBLEMS

1 Mrs. W alker's class is doing centers today. There are 4 centers to which everyone will rotate. Each student will spend 10 minutes in each center. How many minutes will the class spend doing centers today?
2. Richard would like to buy a small gift for everyone in his family for Christmas. There are 4 people besides Richard in his family. If Richard buys each person a $\$ 5$ gift, how much will Richard spend?
3. David and his 5 buddies were playing kickball at recess. Each boy got to kick the ball 5 times. How many times did the 6 boys kick the ball during recess?
4. J ana reads $\mathbb{D}$ pages in her book each day. How many pages does J ana read in one week?
5. There are 7 people in Carlos's family. If they each take a 7 minute show er in the morning, how long does the show er run each day?


## TEST

Multiplication using numbers betw een 0 and D


