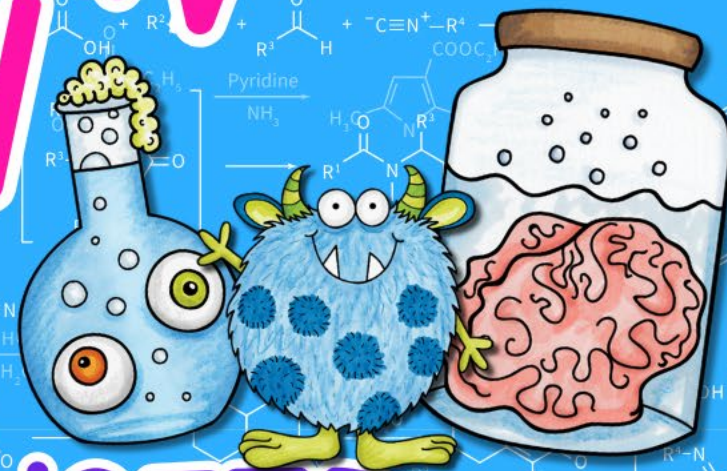


3rd Grade

MULTIPLICATION & DIVISION



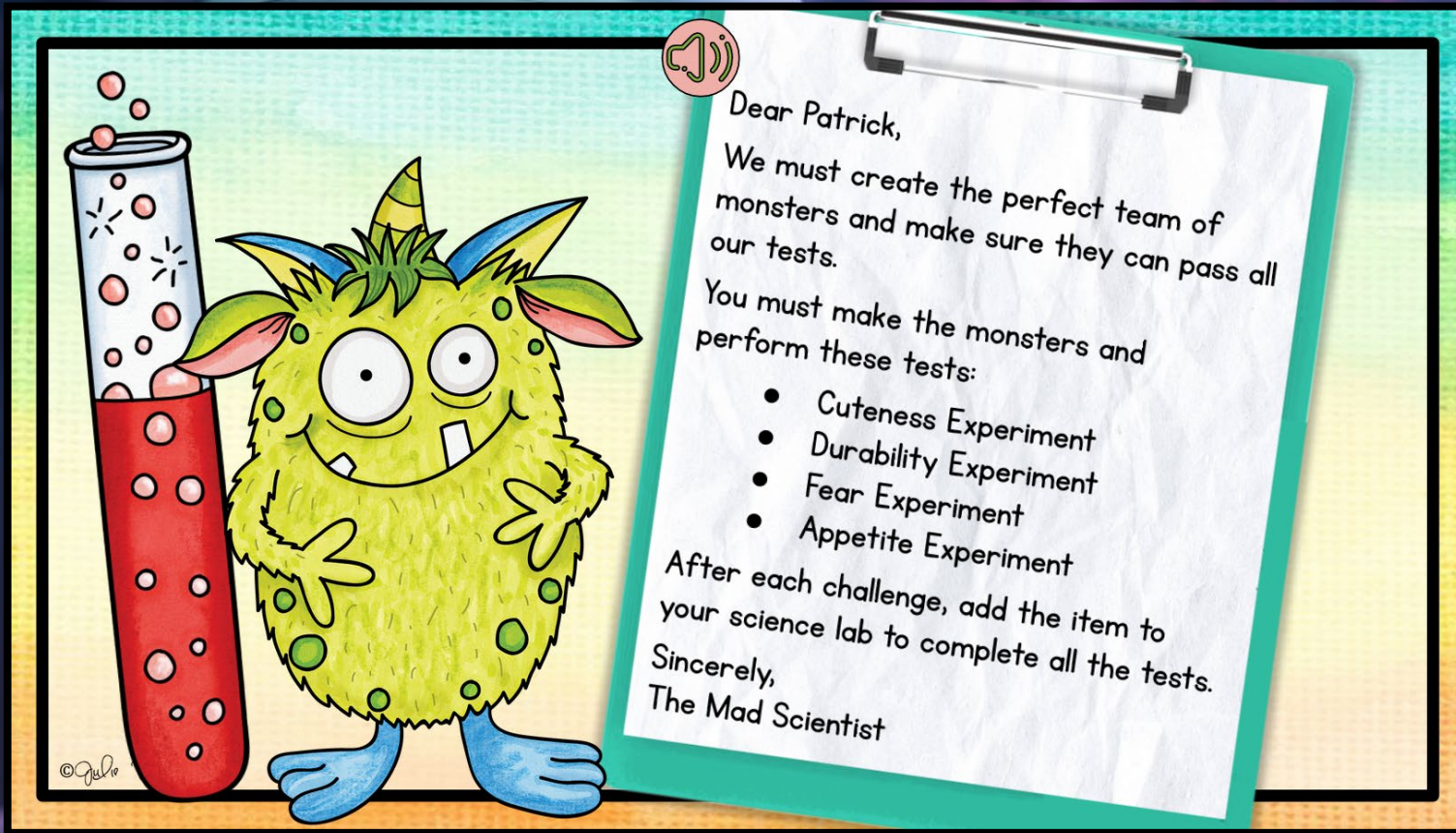
MONSTER SCIENCE LAB ESCAPE ROOM

PRINTABLE • GOOGLE • WEBSCAPE™

Mag
CORE

Escape the Science Lab!

Students won't realize they are practicing Multiplication & Division skills! They will be immersed in the storytelling and our original videos as they complete math challenges.



Learn more!



4 Mathematics Challenges

- Challenges focused on Multiplication & Division
- Each challenge takes about 20-30 minutes

Challenge #1

- Solve each "find the missing numbers" problem.
- Record answers on your brochure.
- Check your answers in the Monster Decoder.
- Add the baby bottle to your science lab.
- Scan the QR code in the corner of the next page.
- Move on to the challenge #2.



1. $8 \times \underline{\quad} = 48$
 $\underline{\quad} \times 8 = 48$
 $48 \div \underline{\quad} = 8$
 $48 \div 8 = \underline{\quad}$
a. 5
b. 6
c. 7
d. 8

3. $4 \times \underline{\quad} = 36$
 $\underline{\quad} \times 4 = 36$
 $36 \div \underline{\quad} = 4$
 $36 \div 4 = \underline{\quad}$
a. 7
b. 8
c. 9
d. 10

5. $7 \times \underline{\quad} = 49$
 $\underline{\quad} \times 7 = 49$
 $49 \div \underline{\quad} = 7$

2. $5 \times \underline{\quad} = 35$
 $\underline{\quad} \times 5 = 35$
 $35 \div \underline{\quad} = 5$
 $35 \div 5 = \underline{\quad}$
a. 5
b. 6
c. 7
d. 8

4. $3 \times \underline{\quad} = 24$
 $\underline{\quad} \times 3 = 24$
 $24 \div \underline{\quad} = 3$
 $24 \div 3 = \underline{\quad}$
a. 7
b. 8
c. 9
d. 10

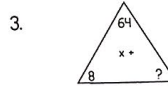
Challenge #2

- Solve each "fact families" problem.
- Record answers on your brochure.
- Check your answers in the Monster Decoder.
- Add the hammer to your science lab.
- Scan the QR code in the corner of the next page.
- Move on to the challenge #3.



Choose all the equations that fit in this fact family:

- a. $3 = 21 \times 7$
b. $3 \times 7 = 21$
c. $21 \div 7 = 3$
d. $21 = 7 \times 3$



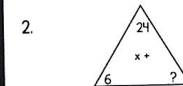
Choose all the equations that fit in this fact family:

- a. $64 \div 8 = 8$
b. $8 = 64 \times 8$
c. $8 \times 8 = 64$
d. $8 = 64 \div 8$



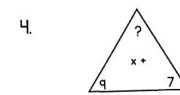
Choose all the equations that fit in this fact family:

- a. $6 \div 3 = 18$
b. $6 = 3 \times 18$
c. $3 \times 6 = 18$
d. $6 = 18 \div 3$



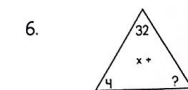
Choose all the equations that fit in this fact family:

- a. $24 = 6 \times 4$
b. $6 \times 4 = 24$
c. $4 \div 6 = 24$
d. $24 = 6 \div 4$



Choose all the equations that fit in this fact family:

- a. $7 \div 9 = 63$
b. $63 = 9 \times 7$
c. $7 \times 63 = 9$
d. $63 = 9 \div 7$



Choose all the equations that fit in this fact family:

- a. $32 \div 4 = 8$
b. $32 \times 8 = 4$
c. $8 \times 4 = 32$
d. $8 \div 32 = 4$

Learn more!



4 Mathematics Challenges

Challenge #4

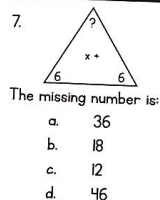
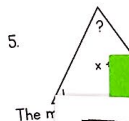
1. Solve each multiplication and division problem.
2. Record answers on your brochure.
3. Check your answers in the Monster Decoder.
4. Add the dog bowl to your science lab.
5. Scan the QR code in the corner of the next page.
6. Complete the experiments to make the monster!

1. $5 \times \underline{\quad} = 30$
 $\underline{\quad} \times 5 = 30$
 $30 \div \underline{\quad} = 5$
 $30 \div 5 = \underline{\quad}$
a. 4
b. 5
c. 6
d. 7

2. $6 \times 9 = 54$
 $9 \times 6 = 54$
 $54 \div 6 = 9$
 $\underline{\quad} \div \underline{\quad} = \underline{\quad}$
a. $54 \div 9 = 45$
b. $6 \div 9 = 15$

3. $4 \times \underline{\quad} = 32$
 $\underline{\quad} \times 4 = 32$
 $32 \div \underline{\quad} = 4$
 $32 \div 4 = \underline{\quad}$
a. 5
b. 6
c. 7
d. 8

4. $2 \times 9 = 18$
 $9 \times 2 = 18$
 $18 \div 2 = 9$
 $\underline{\quad} \div \underline{\quad} = \underline{\quad}$
a. $18 \div 9 = 9$



9.

Input	Output
2	4
3	6
4	8
5	10

The rule is:

- Multiply by 3
- Divide by 3
- Multiply by 2
- Divide by 2

10.

Input	Output
36	6
42	7
48	8
54	9

The rule is:

- Multiply by 7
- Divide by 7
- Multiply by 6
- Divide by 6

11.

Input	Output
28	4
35	5
42	6
49	7

The rule is:

- Multiply by 7
- Divide by 7
- Multiply by 9
- Divide by 9

12.

Input	Output
6	24
7	28
8	32
9	36

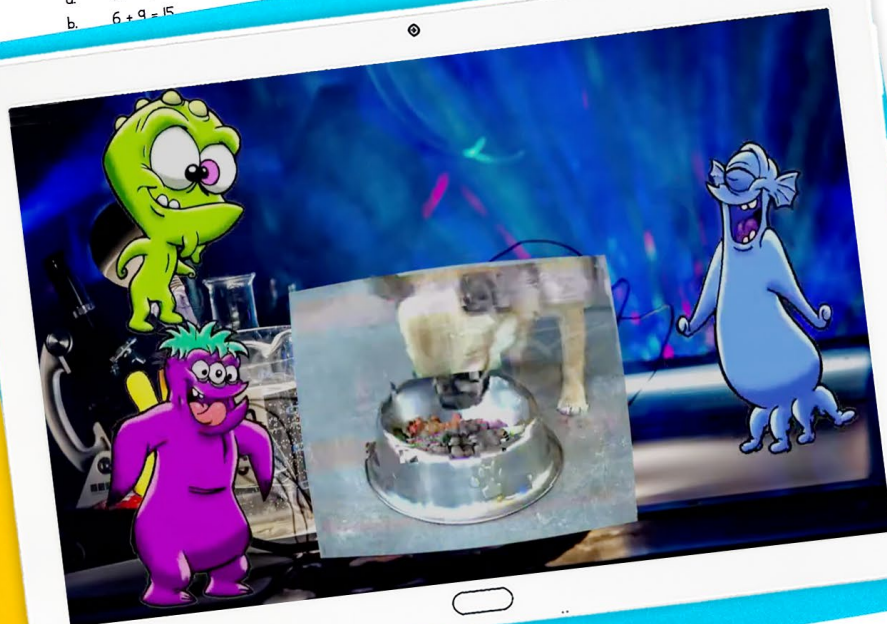
The rule is:

- Multiply by 4
- Divide by 4
- Multiply by 6
- Divide by 6

Scan the QR code
or click [here](#) to
view the video.



© 2018 PBL



Learn more!



3 Versions

- Print
- Google Slides
- Webscape™ (Our most popular experience)

Learn more!



Challenge #1

1. Solve each "find the missing numbers" problem.
2. Record answers on your brochure.
3. Check your answers in the Monster Decoder.
4. Add the baby bottle to your science lab.
5. Scan the QR code in the corner of the next page.
6. Move on to the challenge #2.



Challenge 1

Find the Missing Numbers

1. $8 \times \underline{\quad} = 48$

$\underline{\quad} \times 8 = 48$

$48 \div \underline{\quad} = 8$

$48 \div 8 = \underline{\quad}$

a. 5

b. 6

2. $5 \times \underline{\quad} = 35$

$\underline{\quad} \times 5 = 35$

$35 \div \underline{\quad} = 5$

$35 \div 5 = \underline{\quad}$

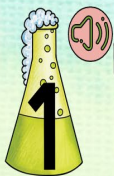
a. 5

b. 6

3. $4 \times \underline{\quad} = 36$
 $\underline{\quad} \times 4 = 36$
 $36 \div \underline{\quad} = 4$
 $36 \div 4 = \underline{\quad}$
a. 7
b. 8
c. 9
d. 10

1. $8 \times \underline{\quad} = 48$
 $\underline{\quad} \times 8 = 48$
 $48 \div \underline{\quad} = 8$
 $48 \div 8 = \underline{\quad}$
a. 5
b. 6
c. 7
d. 8

2. $5 \times \underline{\quad} = 35$
 $\underline{\quad} \times 5 = 35$
 $35 \div \underline{\quad} = 5$
 $35 \div 5 = \underline{\quad}$
a. 5
b. 6
c. 7
d. 8



Find the missing number.

$8 \times \boxed{?} = 48$

$\boxed{?} \times 8 = 48$

$48 \div \boxed{?} = 8$

$48 \div 8 = \boxed{?}$

5

6

7

8

	PDF		

3 Versions

- Print
- Google Slides
- Webscape TM (Our most popular experience)

Learn more!



Print

- Cut and paste stamps for each challenge
- Easy to follow
- Optimal for group or partner work
- Recording brochure for answers
- Self-checking decoder
- Certificate of completion

Learn more!



Monster Decoder

Use the following codes for each challenge to solve the clues and move to the next challenge.

Challenge 1

question 1
a = We
b = I
c = The scientist
d = First

question 2
a = gave
b = wanted
c = turned
d = I

question 3
a = some
b = the baby
c = the
d = tried to

question 4
a = little
b = monsters
c = scary
d = turn them

question 5
a = monsters
b = to be
c = monsters to
d = into

question 6
a = lots
b = super
c = cute,
d = pets

question 7
a = of
b = cuddly
c = fluffy
d = but

question 8
a = toys
b = so
c = babies
d = then

question 9
a = and
b = I
c = then
d =

question 10
a = they
b = turned
c =

question 11
a = cry
b = into babies
c = with them
d = instead

question 12
a = cry
b = into babies
c = with them
d = instead

SCIENCE LAB RECORDING BROCHURE

Record your
challenge answers
along your
journey.



CHALLENGE 3



Answer	Answer
1. c	7. b
2. a	8. d
3. a	9. b
4.	10.
5.	11.
6.	12.

How did you perform the
Fear Experiment?

Monster Science Escape Room

James Hall

(name)

has successfully completed the challenges and escaped the lab.

10/03

(Date)



The Mad Scientist

Scan the QR code or [click here](#) to view the video.



Print

- OOPS! Cards for differentiation

Ooops!

You spilled dog food on the floor and slipped.



NO HELPING YOUR TEAM FOR
3 MINUTES!

Learn more!



Webscape TM

- Most interactive experience
- Self correcting
- Embedded videos
- Embedded audio
- Animation
- Simple navigation

Learn more!



Webscape TM

- No log ins or sign ups
- Works with any device that has an internet connection and web browser
- Zero prep! Just share the link with your students.

Learn more!



Google Slides

- Two problems per slide
- Students drag to circle their answers

Learn more!



Challenge 4 Solve the Multiplication & Division Problems

1. $5 \times \underline{\quad} = 30$
 $\underline{\quad} \times 5 = 30$
 $30 \div \underline{\quad} = 5$
 $30 \div 5 = \underline{\quad}$

The missing number is:

- a. 4 ☐
b. 5
c. 6
d. 7

2. $6 \times 9 = 54$
 $9 \times 6 = 54$
 $54 \div 6 = 9$
 $\underline{\quad} \div \underline{\quad} = \underline{\quad}$

The missing equation is:

- a. $54 - 9 = 45$ ☐
b. $6 + 9 = 15$
c. $54 \div 9 = 6$
d. $6 \div 54 = 9$

Google Slides

- Toggle to self-checking decoder
- Decoder will prompt at the end of each challenge whether students are correct or need to check their work.


Learn more!



Looking for More?

ESCAPE ROOM BUNDLE Math Skills

3rd Grade



Math Escape Rooms

2nd Grade 3rd Grade 4th Grade 5th Grade

Telling Time: Time Machine Escape Room


ENGAGE VIDEOS TELL THE STORY

Print and Digital

MATH: Categorize Shapes

Catch the Bandit Escape Room

3rd Grade



Dear Student,

You're having a great time visiting the big city! But while you're out seeing the sites, petty crime caught up with you. A bandit took some money out of your backpack.

You must follow the bandit to catch him and get your money back.

1. Go to the waterfront.
2. Go to Chinatown.
3. Go to the park.
4. Go to Downtown.

After each challenge, add the pin to your map to catch the bandit.


Sincerely,
Friendly Neighborhood Crime Watchers

Print and Digital

MagiCORE

HALLOWEEN MATH Escape Room

3rd GRADE



Place Value

Mrs. P... gave out different types of candy to the trick-or-treaters. The table below shows how many of each type of candy she gave out.

Candy Type	Chocolates	Lollipops	Gummies	Candy Corn
Amount	245	334	286	422

When rounded to the nearest hundred, which two candy types did she give out the same amount of?

- a. Chocolates & gummies
- b. Chocolates & candy corn
- c. Lollipops & gummies
- d. Lollipops & candy corn

Print and Digital

MagiCORE