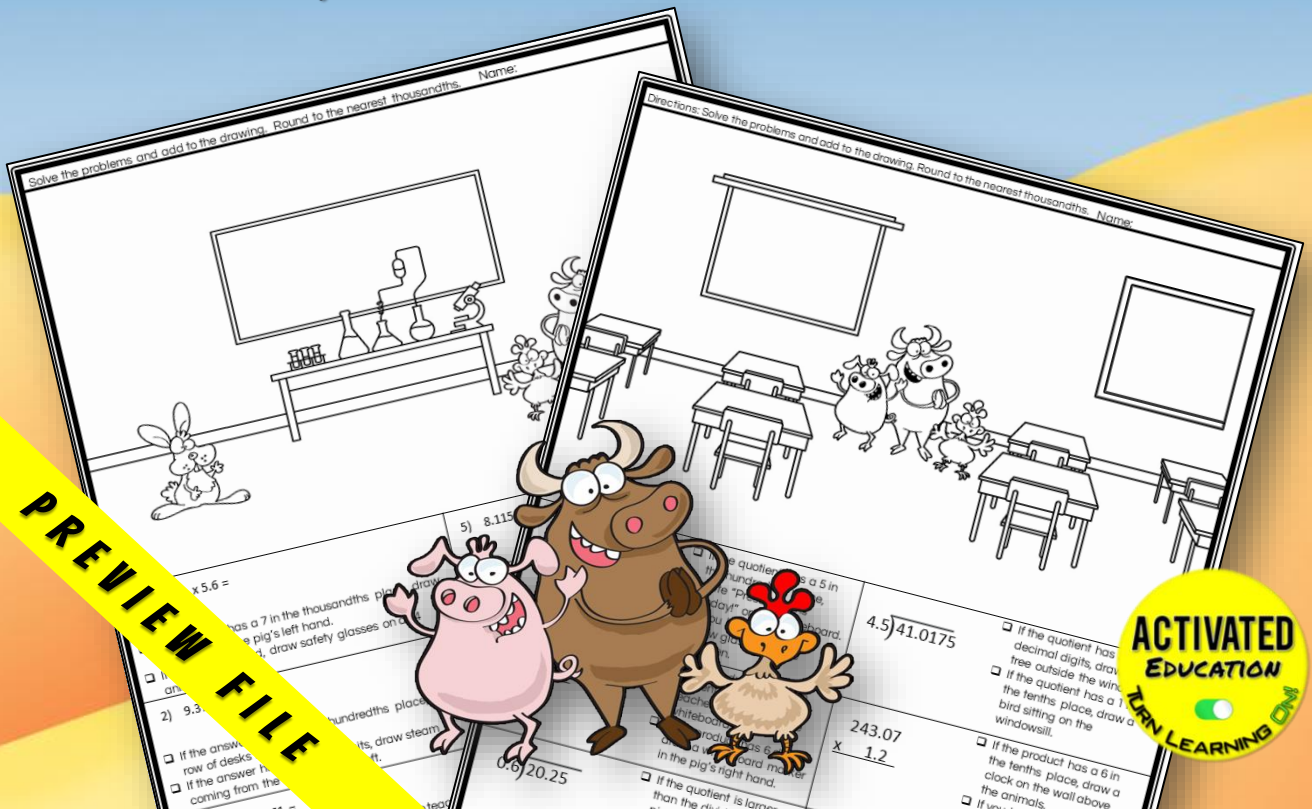


Solve & Draw

DECIMAL

OPERATIONS

Multiplication & Division



Directions

Decimal Operation Solve and Draw sheets are an easy no-prep way to make review work or practice more engaging. These are also designed to provide practice of reading math directions. Math problems are provided in both horizontal and vertical formats so you can differentiate the level of challenge for your students.

Students solve the decimal calculations and add to the drawing based on their answers. To keep them guessing, each problem may have one correct drawing prompt, two, or none. Each page has an average of 7 responses that require drawing. Drawing is no-prep because it can be done with the student's normal writing utensil (pen or pencil). You may choose to allow colored pencils, crayons, or markers but they are not required. This works well as a homework option for families who may not have those supplies to offer.

Drawing prompts require a student to use multiple skills:

- Decimal calculations
- Place Value
- Rounding
- Reading

An optional challenge page is included that can be copied on the back of the worksheet – this gives students an extension opportunity by asking them to create a math equation that fits one of the incorrect drawing prompts or to create a math equation and their own drawing prompts.

Horizontal Format

PREVIEW FILE

Solve the problems, and add to the drawing. Round to the nearest hundredths. Name: _____



1) $42.41 \times 94.78 =$

- ☐ If the answer has a 5 in the tens place, draw a road flagpole by the school.
- ☐ If the answer has a 6 in the tenths place, draw a flag on the flagpole.

2) $18.63 \times 20.75 =$

- ☐ If the answer has a 3 in the hundreds place, draw a river in the bus.
- ☐ If you had to round up, draw shoes on the pig.

3) $56.69 \times 86.65 =$

- ☐ If the answer has a 2 in the tenths place, draw a backpack by the pig.
- ☐ If the answer has a 4 in the tenths place, draw a sun in the sky.

4) $18 \times 76.36 =$

- ☐ If the answer has a 5 in the hundredths place, draw a pig's hand.
- ☐ If the answer has a 4 in the tenths place, draw a sun in the sky.

5) $96.44 \times 21.78 =$

- ☐ If the answer has a 4 in the tenths place, draw a tree by the school.
- ☐ If the answer has a 2 in the tenths place, draw a flag on the flagpole.

6) $21.65 \times 36.61 =$

- ☐ If the answer has a 1 in the tenths place, draw a teacher by the school.
- ☐ If the answer has a 2 in the tenths place, draw a hat on the cow.

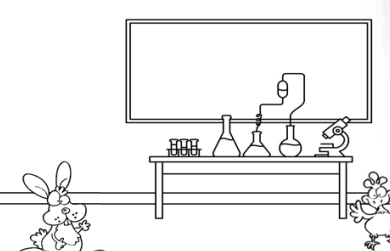
7) $17.68 \times 11.33 =$

- ☐ If you had to round up, draw a school.
- ☐ If the answer has a 0 in the tenths place, draw a basketball hoop outside the school.

8) $30.96 \times 25.72 =$

- ☐ If the answer has a 9 in the tenths place, draw a student in the bus window.
- ☐ If you had to round up, draw a pig.

Solve the problems and add to the drawing. Round to the nearest thousandths. Name: _____



1) $0.521 \times 5.6 =$

- ☐ If the answer has a 7 in the hundredths place, draw a petri dish in the pig's left hand.
- ☐ If you had to round, draw safety glasses on all 4 animals.

2) $9.37 \times 0.7 =$

- ☐ If the answer has a 7 in the hundredths place, draw a petri dish in the pig's left hand.
- ☐ If you had to round, draw safety glasses on all 4 animals.

3) $8.115 \times 0.04 =$

- ☐ If the answer is a whole number, extinguisher on the wall.
- ☐ If the answer has a 2 in the hundredths place, draw a beaker on the whiteboard.

4) $24.88 \times 32.42 =$

- ☐ If the answer has a 2 in the hundredths place, draw a beaker on the whiteboard.

Directions: Solve the problems and add to the drawing. Round to the nearest hundredths. Name: _____



1) $9.1 + 7 =$

- ☐ If the answer has a 3 in the hundredths place, draw a boat on the chicken.
- ☐ If the answer has a 1 in the ones place, draw a ship in the water.

2) $39.76 + 7 =$

- ☐ If the answer has a 6 in the tenths place, draw a sun.
- ☐ If the answer has a 5 in the ones place, draw a sun.

3) $36.12 + 4 =$

- ☐ If the answer has a 0 in the tenths place, draw a polar bear on the ice away from the animals.
- ☐ If the answer has a 3 in the thousandths place, draw boots on the pig.

4) $5.82 + 3 =$

- ☐ If the answer has a 4 in the tenths place, draw a bird in the sky.
- ☐ If the answer has a 4 in the hundredths place, draw a pig on the pig.

5) $7.59 + 3 =$

- ☐ If the answer has a 4 in the tenths place, draw gloves on the cow.
- ☐ If the answer has a 5 in the hundredths place, draw a seal in the water.

6) $4.92 + 2 =$

- ☐ If the answer has a 0 in the thousandths place, draw an arctic (killer) whale in the water.
- ☐ If the answer has a 2 in the tenths place, draw a walrus.

7) $12.48 + 8 =$

- ☐ If the answer has a 1 in the tenths place, draw an arctic hare by the chicken.
- ☐ If the answer has a 6 in the hundredths place, draw gloves on the chicken.

8) $49.38 + 6 =$

- ☐ If the answer has a 3 in the hundredths place, make it snow.
- ☐ If the answer has a 2 in the ones place, draw an arctic fox by the chicken.

Solve the problems and add to the drawing. Round to the nearest hundredths. Name: _____



1) $0.4 + 0.4 =$

- ☐ If the answer has a 3 in the tenths place, draw a scoreboard above the basketball court.
- ☐ If the answer has 3 digits, draw a scoreboard above the basketball court.

2) $0.4 + 0.4 =$

- ☐ If the answer has a 3 in the tenths place, draw a cheerleader skirt on the elephant's hand.
- ☐ If the answer has 3 digits, draw a scoreboard above the basketball court.

3) $1.782 + 8.1 =$

- ☐ If the answer has a 2 in the tenths place, draw a cheerleader skirt on the elephant's hand.
- ☐ If the answer has 3 digits, draw a scoreboard above the basketball court.

4) $1.28 + 3.2 =$

- ☐ If the answer has a 4 in the ones place, draw a banner on the wall that says 'SCHOOL'.
- ☐ If the answer is less than 1, draw a pig on the cow.

5) $4.06 + 5.8 =$

- ☐ If the answer is less than 1, draw a jersey on the pig.
- ☐ If the answer has a 6 in the tenths place, draw a jersey on the chicken.

6) $1.44 + 0.96 =$

- ☐ If the answer is more than 1, draw another basketball player on the court.
- ☐ If the answer has 2 digits, draw fans in bleachers on the right side of the page.

7) $1.2 + 1.5 =$

- ☐ If the answer has an 8 in the hundredths place, draw a bag of popcorn in the chicken's hand.
- ☐ If the answer has 2 decimal digits, draw a hat on the pig.

8) $0.12 + 0.2 =$

- ☐ If the answer has a 1 decimal digit, draw a cheerleader by the elephant.
- ☐ If the answer has a 6 in the ones place, draw basketball shoes on the elephant.

Solve the problems and add to the drawing. Round to the nearest hundredths. Name: _____



1) $37.16 \times 85.79 =$

- ☐ If you had to round up, draw a cowboy hat on the pig.
- ☐ If the answer has a 5 in the hundredths place, draw a lizard.

2) $1.14 + 6 =$

- ☐ If the answer has a 0 in the ones place, draw another cactus.
- ☐ If the answer has an 8 in the thousandths place, draw cowboy boots on the cow.

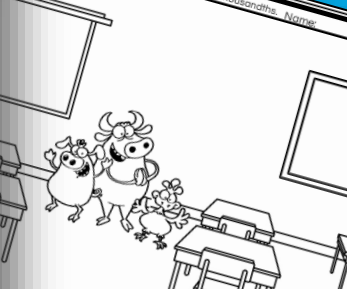
3) $1.82 + 7 =$

- ☐ If the answer has a 2 in the hundredths place, draw more clouds in the sky.
- ☐ If you had to round up, make it rain.

4) $23.58 \times 34.76 =$

- ☐ If the answer has a 6 in the tenths place, draw cowboy boots on the chicken.
- ☐ If you had to round up, draw a bird sitting on the cactus.

Solve the problems and add to the drawing. Round to the nearest hundredths. Name: _____



1) $41.0175 + 4.5 =$

- ☐ If the quotient has 3 decimal digits, draw a tree outside the window.
- ☐ If the quotient has a 1 in the tenths place, draw a bird sitting on the windowsill.

2) $243.07 \times 1.2 =$

- ☐ If the product has a 6 in the tenths place, draw a clock on the wall above the animals.
- ☐ If you had to round up, draw a duck sitting in one of the desks.

3) $14.06 + 0.2 =$

- ☐ If the quotient has an 8 in the hundredths place, draw a pencil and notebook on one desk.
- ☐ If you had to round down, draw a book on one of the desks.

4) $0.999 \times 6.32 =$

- ☐ If the product is less than both factors, draw a pencil in the chicken's left hand.
- ☐ If you had to round down, draw a book on one of the desks.

Vertical Format

Solve the problems and add to the drawing. Round to the nearest hundredth. Name: _____

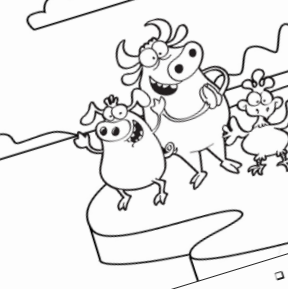


☐ If the answer has a 5 in the tenths place, draw a road under the bus.
☐ If the answer has a 6 in the tenths place, draw a flagpole by the school.
☐ If the answer has a 3 in the hundreds place, draw a driver in the bus.
☐ If you had to round up, draw shoes on the pig.
☐ If the answer has a 2 in the tenths place, draw a backpack by the pig.
☐ If the answer has a 5 in the hundredths place, draw a book in the pig's hand.
☐ If the answer has a 4 in the tenths place, draw sun in the sky.

96.44×21.78
 21.65×36.61
 17.68×11.33
 30.96×25.72

☐ If the answer has a 5 in the tenths place, draw a fire extinguisher on the wall.
☐ If the answer has a 2 in the hundredths place, draw a beaker on the whiteboard.
☐ If the answer is a whole number, draw a fire extinguisher on the wall.
☐ If the answer has a 2 in the hundredths place, draw a beaker on the whiteboard.
☐ If the answer has a 0 in the thousandths place, draw a whiteboard marker in the chicken's hand.
☐ If you had to round up, draw a window on the wall.

Solve the problems and add to the drawing. Round to the nearest hundredth. Name: _____



☐ If the answer has a 3 in the hundredths place, draw boots on the chicken.
☐ If the answer has a 1 in the ones place, draw a ship in the water.
☐ If the answer has a 6 in the tenths place, draw boots on the cow.
☐ If the answer has a 5 in the ones place, draw a sun.
☐ If the answer has a 0 in the tenths place, draw a polar bear on the ice away from the animals.
☐ If the answer has a 3 in the thousandths place, draw boots on the pig.
☐ If the answer has a 4 in the tenths place, draw a bird in the sky.
☐ If the answer has a 4 in the hundredths place, draw gloves on the pig.

$7 \overline{)9.1}$
 $7 \overline{)39.76}$
 $4 \overline{)36.12}$
 $3 \overline{)5.82}$
 $3 \overline{)7.59}$
 $2 \overline{)4.92}$
 $8 \overline{)2.48}$
 $6 \overline{)49.38}$

Solve the problems and add to the drawing. Round to the nearest hundredth. Name: _____



☐ If the answer has a 3 in the tenths place, draw a basketball in the pig's hand.
☐ If the answer has 3 digits, draw a scoreboard above the basketball hoop.
☐ If the answer is more than 1, draw a cheerleader skirt on the elephant.
☐ If the answer has an 8 in the tenths place, draw a cheerleader skirt on the elephant.
☐ If the answer has a 2 in the hundredths place, draw a banner on the elephant.
☐ If the answer is less than 1, draw a banner on the elephant.
☐ If the answer has a 4 in the ones place, draw a finger on the pig's.

$5.8 \overline{)4.06}$
 $0.96 \overline{)1.44}$
 $1.5 \overline{)1.2}$
 $0.2 \overline{)0.12}$
 $8.1 \overline{)1.782}$
 0.24
 0.24

☐ If the answer has a 9 in the hundredths place, draw needles on the cactus.
☐ If the answer has a 4 in the tenths place, draw a flower on the cactus.
☐ If you had to round up, draw cowboy boots on the pig.
☐ If the answer has a 6 in the hundredths place, draw lightning in the sky.
☐ If the answer has a 3 in the tenths place, draw a mountain climber on one of the plateaus.
☐ If you had to round up, draw a cowboy hat on the chicken.
☐ If the answer has a 1 in the tenths place, draw a snake on the ground.
☐ If the answer has a 1 in the tenths place, draw another bush.

37.16×85.79
 $3 \overline{)1.14}$
 $7 \overline{)1.82}$
 23.58×34.76

☐ If the answer has a 0 in the ones place, draw another cactus.
☐ If the answer has an 8 in the thousandths place, draw cowboy boots on the cow.
☐ If the answer has a 2 in the hundredths place, draw more clouds in the sky.
☐ If you had to round up, make it rain.
☐ If the answer has a 6 in the tenths place, draw cowboy boots on the chicken.
☐ If you had to round up, draw a bird sitting on the cactus.

Solve the problems and add to the drawing. Round to the nearest hundredth. Name: _____



☐ If the quotient has a 3 in the tenths place, draw a tree outside the window.
☐ If the quotient has a 1 in the tenths place, draw a bird sitting on the windowsill.
☐ If the product has a 6 in the tenths place, draw a clock on the wall above the animals.
☐ If you had to round up, draw a duck sitting in one of the desks.
☐ If the quotient has an 8 in the hundredths place, draw a pencil and notebook on one desk.
☐ If you had to round down, draw a book on one of the desks.
☐ If the product is less than both factors, draw a pencil in the chicken's left hand.
☐ If you had to round down, draw a pencil in the chicken's left hand.

$4.5 \overline{)41.0175}$
 243.07×1.2
 $0.2 \overline{)14.06}$
 0.999×6.32

☐ If the answer has a 2 in the hundredths place, draw a lie on the cow.
☐ If you had to round up, draw a rabbit in one of the desks.

Challenge Page & Answer Keys

Challenge #1:

Choose a drawing prompt from the page that was not on the challenge page, and add the drawing to the equation that fits the prompt.

Example:

Original Equation

$$\begin{array}{r} 22.742 \\ + 13.111 \\ \hline 25.853 \end{array}$$

Drawing Prompts

- ☒ If the answer has an 8 in the tenths place, add a mustache to the rabbit.
- ☒ If the answer has a 5 in the tenths place, put shoes on the rabbit.

Challenge #1 Workspace

Challenge #2:

Create a decimal equation, and write two drawing prompts. One must be correct, the second is your choice.

New Equation	Drawing Prompts	New Equation

Solve the problems and add to the drawing. Round to the nearest hundredth.

ANSWER KEY



1) $42.41 \times 94.78 = 4019.62$

- ☒ If the answer has a 5 in the tens place, draw a road under the bus.
- ☒ If the answer has a 6 in the tenths place, draw a flagpole by the school.

2) $18.63 \times 20.75 = 386.57$

- ☒ If the answer has a 3 in the hundreds place, draw a driver in the bus.
- ☒ If you had to round up, draw shoes on the pig.

3) $56.69 \times 86.65 = 4912.19$

- ☒ If the answer has a 2 in the tenths place, draw a backpack by the pig.
- ☒ If you had to round up, draw a pencil in the chicken's left hand.

4) $50.18 \times 76.36 = 3831.74$

- ☒ If the answer has a 5 in the hundredths place, draw a book in the pig's hand.
- ☒ If the answer has a 4 in the tenths place, draw a sun in the sky.

5) $96.44 \times 21.78 = 2100.46$

- ☒ If the answer has a 5 in the hundredths place, draw a tree by the school.
- ☒ If the answer has a 2 in the thousands place, draw a flag on the flagpole.

6) $21.65 \times 36.61 = 792.61$

- ☒ If the answer has a 1 in the hundredths place, draw a teacher by the school door.
- ☒ If the answer has a 2 in the tenths place, give the cow a hat.

7) $17.68 \times 11.33 = 200.31$

- ☒ If you had to round up, draw a swing set by the school.
- ☒ If the answer has a 0 in the tens place, draw a basketball hoop outside the school.

8) $30.96 \times 25.72 = 796.29$

- ☒ If the answer has a 9 in the hundredths place, draw a student in the bus window.
- ☒ If you had to round up, draw a baseball hat on the pig.

THANK YOU FOR PREVIEWING!

Please contact me via my store Q & A or email me at activatededucation@gmail.com if you have any questions, concerns, or feedback.

Thank you!



ACTIVATEDEDUCATION

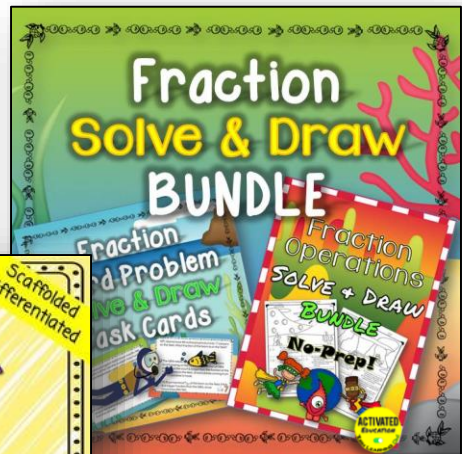
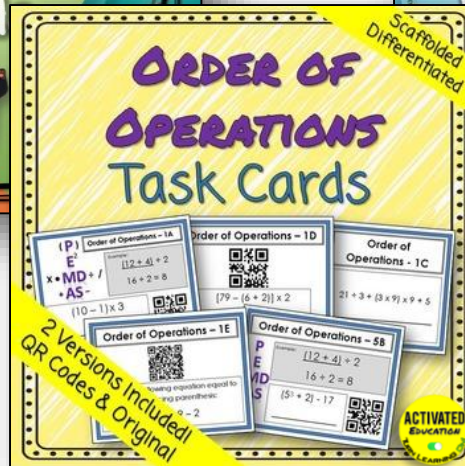
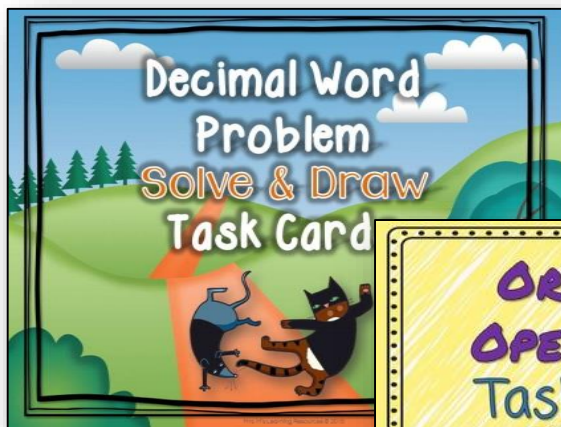


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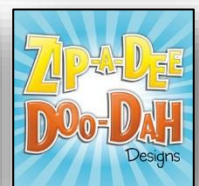


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