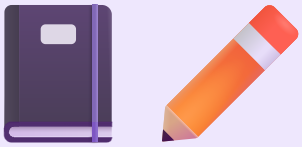
Name _____ Date _____

AI · Data all around us

What Is Data?

Read the big idea. Then fill in the blanks.



Data

Data is information, like numbers, words or pictures. We collect data by counting, asking and measuring. AI learns from data.

information **count** **ask** **learns**

1. Data is _____.
2. We can _____ cars to collect data.
3. We can _____ friends their favourite fruit.
4. AI _____ from data.

Name _____ Date _____

AI · Data all around us

Tally It

Count the tally marks.

Favourite fruit: mango |||| |, apple |||, banana ||||, guava ||.

1. mango: _____

2. apple: _____

3. banana: _____

4. guava: _____

5. The favourite fruit is _____.

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Name _____ Date _____

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Read the Chart

Use the chart to answer.

How we come to school (each picture = 1 child): car 5, van 7, walk 3, bike 2.

1. Most children come by _____.

2. _____ children walk.

3. How many more come by car than by bike? _____

4. Total children: _____

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Name _____ Date _____

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Labels Help Sort

Write a label for each group.

animals **colours** **shapes** **foods**

1. cat, horse, parrot: _____
2. red, blue, green: _____
3. circle, square, triangle: _____
4. roti, daal, rice: _____

Name _____ Date _____

AI · Data all around us

My Data Survey

Ask 5 people a question. Record your data.

My question: _____?

Answer 1: _____ Answer 2: _____

Answer 3: _____ Answer 4: _____

Answer 5: _____

The most common answer was _____ .

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Name _____ Date _____

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Kinds of Data

Circle the kind of data.

1. the number of children in class

numbers words pictures

2. a photo of a flower

numbers words pictures

3. a list of favourite foods

numbers words pictures

4. the temperature today

numbers words pictures

5. a drawing of a house

numbers words pictures

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Name _____ Date _____

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Make a Pictogram

Draw one face for each child.

Pets in Class 2: cat 4, bird 2, fish 3, rabbit 1.

Draw a pictogram: one face for each child

Name _____ Date _____

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Ask a Good Question

Circle the better survey question.

1.

Which is your favourite fruit: mango, apple or banana?

Food?

2.

Stuff you like?

How do you come to school: car, van, walk or bike?

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Name _____ Date _____

AI · Data all around us

Data in Real Life

Match who uses data to what they collect.

Write the letter in the box.

☐	1. doctor	a) how many biscuits are sold
☐	2. shopkeeper	b) runs scored by each player
☐	3. weather reporter	c) rain and temperature
☐	4. teacher	d) your temperature and height
☐	5. cricket coach	e) test marks

Name _____ Date _____

AI · Data all around us

Data Detective

Solve each problem.

1. 5 children like cricket and 3 like football. _____ more like cricket.

2. A tally shows |||| |||. That is _____.

3. Mango 6, guava 2. Together _____ children voted.

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ANSWER KEY

Name _____ Date _____

AI · Data all around us

What Is Data?

Read the big idea. Then fill in the blanks.



Data

Data is information, like numbers, words or pictures. We collect data by counting, asking and measuring. AI learns from data.

information **count** **ask** **learns**

1. Data is **information** .
2. We can **count** cars to collect data.
3. We can **ask** friends their favourite fruit.
4. AI **learns** from data.

ANSWER KEY

Name _____ Date _____

AI · Data all around us

Tally It

Count the tally marks.

Favourite fruit: mango |||| |, apple |||, banana ||||, guava ||.

1. mango: 6

2. apple: 3

3. banana: 4

4. guava: 2

5. The favourite fruit is mango .

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ANSWER KEY

Name _____ Date _____

AI · Data all around us

Read the Chart

Use the chart to answer.

How we come to school (each picture = 1 child): car 5, van 7, walk 3, bike 2.

1. Most children come by **van** .
2. **3** children walk.
3. How many more come by car than by bike? **3**
4. Total children: **17**

ANSWER KEY

Name _____ Date _____

AI · Data all around us

Labels Help Sort

Write a label for each group.

animals | colours | shapes | foods

1. cat, horse, parrot: **animals**
2. red, blue, green: **colours**
3. circle, square, triangle: **shapes**
4. roti, daal, rice: **foods**

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ANSWER KEY

Name _____ Date _____

AI · Data all around us

My Data Survey

Ask 5 people a question. Record your data.

My question: _____?

Answer 1: _____ Answer 2: _____

Answer 3: _____ Answer 4: _____

Answer 5: _____

The most common answer was _____ .

Answers will vary.

ANSWER KEY

Name _____ Date _____

AI · Data all around us

Kinds of Data

Circle the kind of data.

1. the number of children in class

numbers words pictures

2. a photo of a flower

numbers words **pictures**

3. a list of favourite foods

numbers **words** pictures

4. the temperature today

numbers words pictures

5. a drawing of a house

numbers words **pictures**

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ANSWER KEY

Name _____ Date _____

AI · Data all around us

Make a Pictogram

Draw one face for each child.

Pets in Class 2: cat 4, bird 2, fish 3, rabbit 1.

Draw a pictogram: one face for each child

Drawings will vary.

ANSWER KEY

Name _____ Date _____

AI · Data all around us

Ask a Good Question

Circle the better survey question.

1. **Which is your favourite fruit: mango, apple or banana?**

Food?

Stuff you like?

2. **How do you come to school: car, van, walk or bike?**

ANSWER KEY

Name _____ Date _____

AI · Data all around us

Data in Real Life

Match who uses data to what they collect.

Write the letter in the box.

d	1.	doctor
a	2.	shopkeeper
c	3.	weather reporter
e	4.	teacher
b	5.	cricket coach

a) how many biscuits are sold

b) runs scored by each player

c) rain and temperature

d) your temperature and height

e) test marks

ANSWER KEY

Name _____ Date _____

AI · Data all around us

Data Detective

Solve each problem.

1. 5 children like cricket and 3 like football. **2** more like cricket.

2. A tally shows |||| |||. That is **8** .

3. Mango 6, guava 2. Together **8** children voted.