

NAME: _____

Purpose

To name the percent of an area by comparing it to 1 or 100%

Math Words

one percent
1%

One percent is equal to 0.01 or $\frac{1}{100}$.

ten percent
10%

Ten percent is equal to 0.1 or $\frac{1}{10}$.

one hundred percent
100%

One hundred percent is equal to 1.

one hundred ten percent
110%

One hundred ten percent is 100% and 10% more.

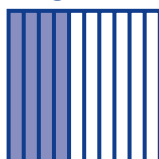
Starter Problem

Figure A shows 100% shaded. Write a percent and a decimal for the shaded area in figure B.

Figure A



Figure B



_____ % _____

NAME: _____

Starter Problem

Figure A represents 100%. Write a percent and a decimal for the shaded area in Figure B.

Figure A



Figure B

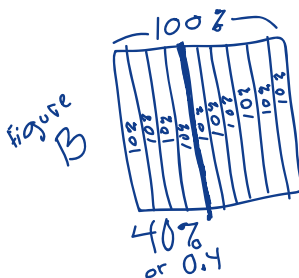


_____ % _____

Student Thinking



The whole square in Figure B is 100% or 100 hundredths. It's divided into 10 parts, so each part is 10 hundredths, or 10%. So, 4 shaded parts are equal to 40 hundredths, or 40%. It's also 4 tenths shaded.



4 out of 10 parts are shaded. That's 4%.

4%

Pitfall

Things to Remember

*

*



NAME: _____

Our Turn

For each problem, Figure A represents 1 or 100%. Write a percent and decimal for the shaded area of Figure B.

1. Figure A

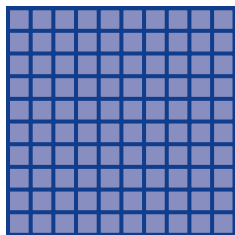
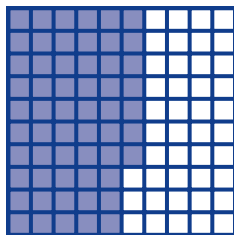


Figure B



_____ % or _____ is shaded.

2. Figure A

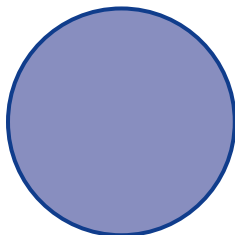
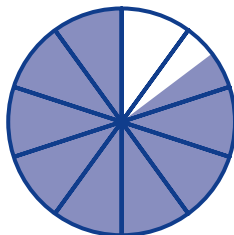


Figure B



About _____ % or _____ is shaded.

3. Figure A



Figure B



About _____ % or _____ is shaded.

NAME: _____

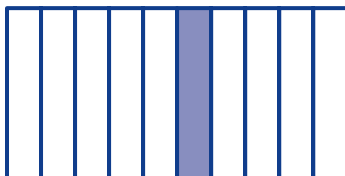
My Turn

For each problem, Figure A represents 1 or 100%. Write a percent and decimal for the shaded area of Figure B.

1. Figure A



Figure B



_____ % or _____ is shaded.

2. Figure A

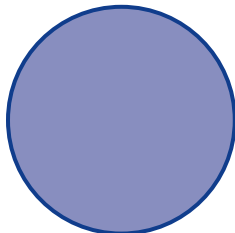
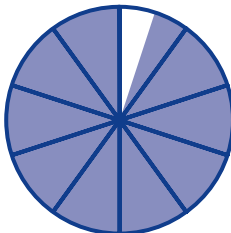


Figure B



About _____ % or _____ is shaded.

3. Figure A

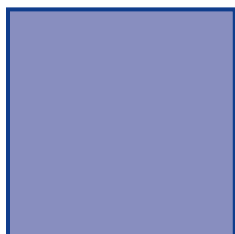
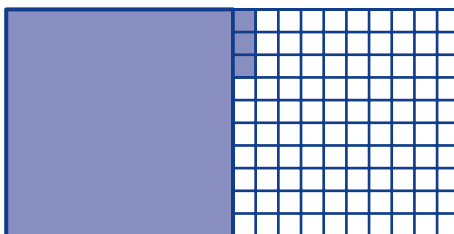


Figure B



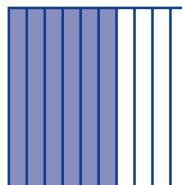
About _____ % or _____ is shaded.

NAME: _____

Multiple Choice Mini Lesson

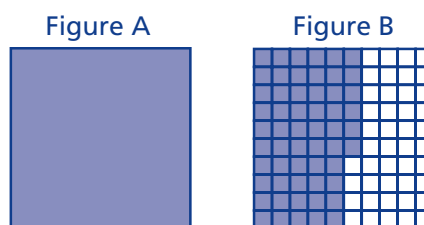
Fill in the circle next to the answer you choose.

1. What percent of the square is shaded?



☐ 6% ☐ 60% ☐ .6% ☐ not given

2. What percent of figure A is figure B?



☐ 5.6% ☐ .56% ☐ 56% ☐ not given

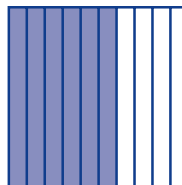


NAME: _____

Multiple Choice Mini Lesson

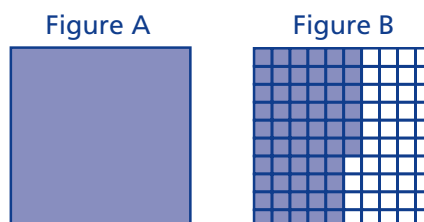
Fill in the circle next to the answer you choose.

1. What percent of the square is shaded?



☐ 6% ☐ 60% ☐ .6% ☐ not given

2. What percent of figure A is figure B?

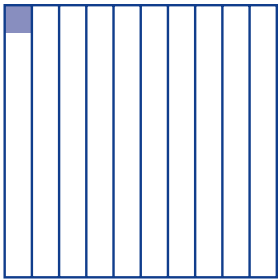


☐ 5.6% ☐ .56% ☐ 56% ☐ not given

NAME:

Writing Task Mini Lesson

Explain how you know it is reasonable to say that the shaded amount of the large square is 1%.



NAME:

Writing Task Mini Lesson

Explain how you know it is reasonable to say that the shaded amount of the large square is 1%.

