

Name : _____

Percent of Increase/Decrease

Customary Units: S1

Find the percent of increase or decrease.

- 1) Find the percent of change from 688 qt to 172 qt.

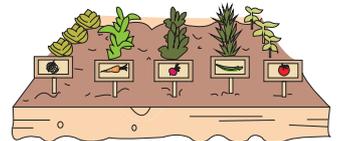
- 2) Find the percent of change from 160 cups to 404 cups.

- 3) Find the percent of change from 800 oz to 550 oz.

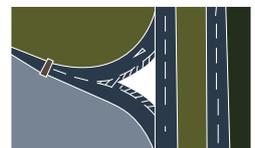
- 4) Find the percent of change from 3,690 ft to 31,365 ft.

- 5) Find the percent of change from 1,096 gal to 137 gal.

- 6) Louise is preparing a raised bed vegetable garden for spring. She uses 400 pounds of top soil initially. She uses an additional 580 pounds of top soil to raise the height of the bed. Find the increase in percentage of the quantity of soil used to make the vegetable garden.



- 7) Ben travels a regular distance of 80 miles to reach office. Today, he used an alternative route that covered a distance of only 75 miles. What is the decrease in the percentage of the distance travelled by Ben?



Name : _____

Answer key

Percent of Increase/Decrease

Customary Units: S1

Find the percent of increase or decrease.

- 1) Find the percent of change from 688 qt to 172 qt.

75% decrease

- 2) Find the percent of change from 160 cups to 404 cups.

152.5% increase

- 3) Find the percent of change from 800 oz to 550 oz.

31.25% decrease

- 4) Find the percent of change from 3,690 ft to 31,365 ft.

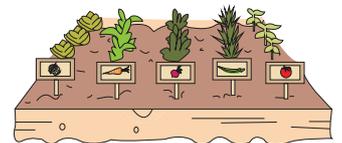
750% increase

- 5) Find the percent of change from 1,096 gal to 137 gal.

87.5% decrease

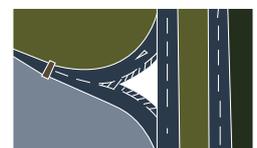
- 6) Louise is preparing a raised bed vegetable garden for spring. She uses 400 pounds of top soil initially. She uses an additional 580 pounds of top soil to raise the height of the bed. Find the increase in percentage of the quantity of soil used to make the vegetable garden.

145% increase



- 7) Ben travels a regular distance of 80 miles to reach office. Today, he used an alternative route that covered a distance of only 75 miles. What is the decrease in the percentage of the distance travelled by Ben?

6.25% decrease



Name : _____

Percent of Increase/Decrease

Customary Units: S2

Find the percent of increase or decrease.

- 1) Find the percent of change from 1,250 mi to 1,755 mi.

- 2) Find the percent of change from 3,600 tbs to 216 tbs.

- 3) Find the percent of

- 4) Find the percent of

- 5) Find the percent of

- 6) A concession stand at a football game sold 2,000 gallons of soft drink on Saturday. On Sunday, it only sold 150 gallons. What is the percent decrease in the amount of soft drink sold?

- 7) Ruth rented a moving van for relocation. The empty van weighed 1,255 pounds. Once all the cartons and equipment were loaded, the van weighed 8,283 pounds. What is the increase in percentage of the weight of the van?

PREVIEW

Access the largest collection of
worksheets for just **\$19.95** per year!

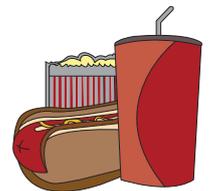
Members, please
log in to
download this
worksheet.

Log in

Not a member?
Please sign up to
gain complete
access.

Sign up

www.mathworksheets4kids.com



Name : _____

Answer key

Percent of Increase/Decrease

Customary Units: S2

Find the percent of increase or decrease.

- 1) Find the percent of change from 1,250 mi to 1,755 mi.

40.4% increase

- 2) Find the percent of change from 3,600 tbs to 216 tbs.

94% decrease

- 3) Find the percent of change from 1,200 to 1,614.

35% increase

- 4) Find the percent of change from 120 to 105.

12.5% decrease

- 5) Find the percent of change from 100 to 145.

45% increase

- 6) A concession stand at a football game sold 200 gallons of soft drink on Saturday. On Sunday, it only sold 120 gallons. What is the percent decrease in the amount of soft drink sold?

40% decrease

- 7) Ruth rented a moving van for relocation. The empty van weighed 1,255 pounds. Once all the cartons and equipment were loaded, the van weighed 8,283 pounds. What is the increase in percentage of the weight of the van?

560% increase

PREVIEW

Access the largest collection of
worksheets for just **\$19.95** per year!

Members, please
log in to
download this
worksheet.

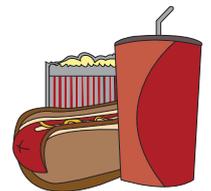
Log in

Not a member?
Please sign up to
gain complete
access.

Sign up

www.mathworksheets4kids.com

of soft drink on Sunday as
y, it only sold 150 gallons
/?



Name : _____

Percent of Increase/Decrease

Customary Units: S3

Find the percent of increase or decrease.

- 1) Find the percent of change from 6,570 pt to 16,425 pt.

- 2) Find the percent of change from 500 yd to 628 yd.

- 3) Find the percent of

- 4) Find the percent of

- 5) Find the percent of

- 6) Jane was driving a _____
which she slowed _____

PREVIEW

Access the largest collection of
worksheets for just **\$19.95** per year!

Members, please
log in to
download this
worksheet.

Log in

Not a member?
Please sign up to
gain complete
access.

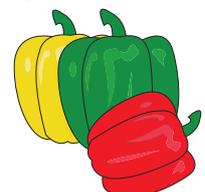
Sign up

www.mathworksheets4kids.com

_____ e the percentage by



- 7) The supermarket received a supply of 25 pounds of bell peppers on weekdays. During the weekend, the supermarket purchased 48 pounds of bell peppers. By what percentage did the supply of bell peppers increase?



Name : _____

Answer key

Percent of Increase/Decrease

Customary Units: S3

Find the percent of increase or decrease.

- 1) Find the percent of change from 6,570 pt to 16,425 pt.

150% increase

- 2) Find the percent of change from 500 yd to 628 yd.

25.6% increase

- 3) Find the percent of change from 120 to 24.

80% decrease

- 4) Find the percent of change from 100 to 191.2.

91.2% increase

- 5) Find the percent of change from 150 to 97.2.

36% decrease

- 6) Jane was driving at 100 mph when she saw a red light, which she slowed to 75 mph.

25% decrease

- 7) The supermarket received a supply of 25 pounds of bell peppers on weekdays. During the weekend, the supermarket purchased 48 pounds of bell peppers. By what percentage did the supply of bell peppers increase?

92% increase

PREVIEW

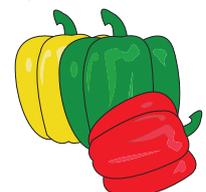
Access the largest collection of worksheets for just **\$19.95** per year!

Members, please log in to download this worksheet. **Log in**

Not a member? Please sign up to gain complete access. **Sign up**

www.mathworksheets4kids.com

Find the percentage by



Name : _____

Percent of Increase/Decrease

Customary Units: S4

Find the percent of increase or decrease.

- 1) Find the percent of change from 500 oz to 800 oz.

- 2) Find the percent of change from 4,204 gal to 1,051 gal.

- 3) Find the percent of

- 4) Find the percent of

- 5) Find the percent of

- 6) Ellen bought 25 yards of fabric. Only 17 yards of the fabric was used.

Only 17 yards of the length of the fabric.

PREVIEW

Access the largest collection of
worksheets for just **\$19.95** per year!

Members, please
log in to
download this
worksheet.

Log in

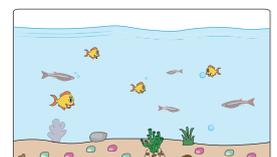
Not a member?
Please sign up to
gain complete
access.

Sign up

www.mathworksheets4kids.com



- 7) An aquarium contains 24 gallons of water. Jeremy poured in some more water and now it holds 36 gallons of water. Find the increase in percentage of water in the aquarium.



Name : _____

Answer key

Percent of Increase/Decrease

Customary Units: S4

Find the percent of increase or decrease.

- 1) Find the percent of change from 500 oz to 800 oz.

60% increase

- 2) Find the percent of change from 4,204 gal to 1,051 gal.

75% decrease

- 3) Find the percent of change from 100 to 125.

25% increase

- 4) Find the percent of change from 100 to 13.

87.5% decrease

- 5) Find the percent of change from 100 to 150.

150% increase

- 6) Ellen bought 25 yards of fabric. Only 17 yards of the fabric was used.

32% decrease

- 7) An aquarium contains 24 gallons of water. Jeremy poured in some more water and now it holds 36 gallons of water. Find the increase in percentage of water in the aquarium.

50% increase

PREVIEW

Access the largest collection of worksheets for just **\$19.95** per year!

Members, please log in to download this worksheet.

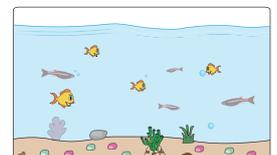
Log in

Not a member? Please sign up to gain complete access.

Sign up

www.mathworksheets4kids.com

Only 17 yards of the length of the fabric.



Name : _____

Percent of Increase/Decrease

Customary Units: S5

Find the percent of increase or decrease.

- 1) Find the percent of change from 3,545 pt to 709 pt.

- 2) Find the percent of change from 2,864 tsp to 6,444 tsp.

- 3) Find the percent of

- 4) Find the percent of

- 5) Find the percent of

- 6) A metal bar weighed 120 g. After some impurities were removed through a process, the metal bar weighed 100 g. Calculate the percent decrease in weight of the metal bar.

PREVIEW

Access the largest collection of
worksheets for just **\$19.95** per year!

Members, please
log in to
download this
worksheet.

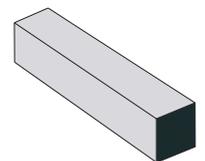
Log in

Not a member?
Please sign up to
gain complete
access.

Sign up

www.mathworksheets4kids.com

Calculate the percent decrease in weight of the metal bar as impurities were removed through a process. What percent of the weight of the metal bar was removed?



- 7) Kevin ordered for 13 gallons of paint to do up the exteriors of his home. Some walls required more than one coat of paint. Finally, he used 39 gallons of paint to complete the job. Calculate the increase in percentage of the quantity of paint used.



Name : _____

Answer key

Percent of Increase/Decrease

Customary Units: S5

Find the percent of increase or decrease.

- 1) Find the percent of change from 3,545 pt to 709 pt.

80% decrease

- 2) Find the percent of change from 2,864 tsp to 6,444 tsp.

125% increase

- 3) Find the percent of change from 1,234 oz to 234 oz.

92% decrease

- 4) Find the percent of change from 1,234 oz to 2,098 oz.

68% increase

- 5) Find the percent of change from 1,234 oz to 617 oz.

50% decrease

- 6) A metal bar weighed 1,234 g. After some impurities were removed through a process, the metal bar weighed 925 g.

25% decrease

- 7) Kevin ordered for 13 gallons of paint to do up the exteriors of his home. Some walls required more than one coat of paint. Finally, he used 39 gallons of paint to complete the job. Calculate the increase in percentage of the quantity of paint used.

200% increase

PREVIEW

Access the largest collection of worksheets for just **\$19.95** per year!

Members, please log in to download this worksheet.

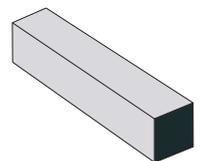
Log in

Not a member? Please sign up to gain complete access.

Sign up

www.mathworksheets4kids.com

ences as impurities were percentage of the weight of



Name : _____

Percent of Increase/Decrease

Customary Units: S6

Find the percent of increase or decrease.

- 1) Find the percent of change from 4,560 oz to 9,576 oz.

- 2) Find the percent of change from 2,325 pt to 651 pt.

- 3) Find the percent of

- 4) Find the percent of

- 5) Find the percent of

- 6) The electricity consumption increased, the consumption percentage increased

- 7) A rope measures 135 feet. Find the decrease in percentage of the length of rope, if 108 feet of rope remains after use.

PREVIEW

Access the largest collection of
worksheets for just **\$19.95** per year!

Members, please
log in to
download this
worksheet.

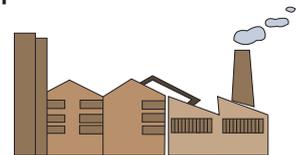
Log in

Not a member?
Please sign up to
gain complete
access.

Sign up

www.mathworksheets4kids.com

er day. As the manpower
er day. What is the
rt-up?



Name : _____

Answer key

Percent of Increase/Decrease

Customary Units: S6

Find the percent of increase or decrease.

- 1) Find the percent of change from 4,560 oz to 9,576 oz.

110% increase

- 2) Find the percent of change from 2,325 pt to 651 pt.

72% decrease

- 3) Find the percent of change from 1,200 to 1,560.

30% increase

- 4) Find the percent of change from 1,200 to 770.

37.5% decrease

- 5) Find the percent of change from 1,200 to 2,160.

80% increase

- 6) The electricity consumption in a house increased from 1,200 kWh in 2008 to 1,800 kWh in 2010. Find the percentage increase.

150% increase

- 7) A rope measures 135 feet. Find the decrease in percentage of the length of rope, if 108 feet of rope remains after use.

20% decrease

PREVIEW

Access the largest collection of
worksheets for just **\$19.95** per year!

Members, please
log in to
download this
worksheet.

Log in

Not a member?
Please sign up to
gain complete
access.

Sign up

www.mathworksheets4kids.com

er day. As the manpower
er day. What is the
rt-up?

