**N3 Demonstrate an understanding of percent greater than or equal to 0%.**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| Achievement Indicators | Exemplars | |
| Approaching | Meeting |
| 1. Represent a given fractional percent using grid paper. |  |  |
| 1. Express a given percent in decimal or fractional form |  |  |
| 1. Express a given decimal in percent or fractional form. |  |  |
| 1. Express a given fraction in decimal or percent form. |  |  |
| 1. Solve a given problem involving percents. |  |  |

**Multiple Choice**

1. Write 0.047 as a percentage. Écris 0.047 sous forme de pourcentage.

A) 0.047% B) 0.47% C) 4.7% D) 47%

2. What is 160 % of 80kg? Qu’est-ce qu’est 160% de 80 kg?

A) 200kg B) 128kg C) 50kg D) 2kg

3. Forty- seven dollars ($47.00) is what percentage of $94.00?

Quarante-sept dollar (47.00$ ) représente quel pourcentage de 94.00$ ?

A) 20% B) 100% C) 150% D) 50%

4. The actual price of a video game is $ 69.95. The game is on sale for 15% off. What is the new sale price of the video game?

Le prix régulier d’un jeu vidéo est $69.95. Cette semaine le jeu est en vente de 15%. Quel est le prix du jeu cette semaine?

A) $10.49 B) $59.46 C) $466.33 D) $82.29

5. Simon had 36 errors on a test that had 144 questions. If each question is worth 1 point, what would be his final percentage on his test ?

Simon a eu 36 erreurs sur un test qui avait 144 questions. Si chaque question vaut 1

point, quelle sera sa note finale en pourcentage?

A) 36% B) 75% C) 25% D) 0.36%

6. About 0.2% of the 6000 members in the community missed the parade community. How many people missed the parade?

À peu près 0.2% de la communauté de 6000 personnes ont manqué la parade. Combien de personnes ont manqué la parade?

A) 12 B) 1200 C) 30 000 D) 1

7. Twenty percent (20%) of a number is 60. What is the number?

Vingt pourcent ( 20%) d’un nombre est 60. Quel est ce nombre?

A) 12 B) 120 C) 240 D) 300

8. How do we represent 0.005 as a percentage?

Comment écrit-on 0.005 sous forme de pourcentage?

A) 0.05% B) 0.5% C) 5% D) 50%

9. Twenty percent (20%) of a number is 83. What is the number?

Vingt pourcent (20%) d’un nombre est 83? Quel est ce nombre?

A) 16.6 B) 24.1 C) 103 D) 415

10. How do we write as a percentage?

Comment écrire sous forme de pourcentage?

A) 20% B) 25% C) 40% D) 400%

**11.** The price of gasoline increased from 53.9¢ to 59.9¢. What is the percent increase of gasoline?

Quel est le pourcentage d’augmentation si le pétrole augmente de 53.9¢ à 59.9¢.

a) 6% b) 0.06 c) 11% d) 1%

**12.** The price of a computer decreased from $1500 to $1200. What is the percentage of the price decrease?

Quel est le pourcentage de diminution si le prix de l’ordinateur a diminué de 1500$ à 1200$.

a) 2% b) 20% c) 300% d) 30%

**Open Constructed Reponses**

1. Vince scored 82.5% on a math test. Juanita had 15 out of 18 on the same test. Who did better? How do you know?

2. Find the number in each case.

a) 25% of a number is 5.

b) 150% of a number is 45. What is the number?

1. The cost of a ticket for the evening movie is $8.00 except for “cheap night” when the cost of a

ticket is $5.00. By what percent is the price reduced?

**4.** **a)** You have saved $130 for a new pair of skis. They have a regular   
 price of $189. They have been reduced by 30%. There is 13% tax.  
 Do you have enough money to buy the skis? Show your work.

**b)** Next week, the skis will be reduced by a further 10%. Your parents have   
offered to give you an amount equal to 7% of your savings. Will you have   
enough money to buy the skis next week?  
If your answer is yes, how much change will you get?  
If your answer is no, by how much money are you short?