1. Lebron James makes 7 of his 10 free throws in a basketball game, what is his free throw shooting percentage?
2. The cost of an afternoon movie ticket last year was $\$ 5.00$. This year an afternoon movie ticket costs $\$ 8.00$. What is the percent increase of the ticket from last year to this year?
3. Jake has read 90 of the 200 pages from the book Lord of the Flies. What percentage of the book does he still have to read?
4. The weekly sales of the Popular Science magazine increased from 600,000 to $1,000,000$. By what percentage did the magazine sales increase?
5. On Monday, Lisa's fish bowl contained 2 gallon of water. On Friday, the fish bowl contained 1.2 gallon of water. By what percentage did the amount of water in Lisa's fish bowl decrease?
6. Forever 21 Clothing Store is having a sale. Jeans that were regularly priced at $\$ 25$ are on sale for $\$ 18$. What is the percentage of decrease in the price of the jeans?
7. A surf board at Sports Chalet that costs $\$ 430.00$ is on sale for $35 \%$ off. If Max buys the surf board, how much will he be saving?
8. A salesperson at a clothing store earns $3 \%$ commission on all sales. How much commission does the salesperson earn on a $\$ 390$ sale?
9. A polo shirt that regularly sells for $\$ 38.00$. is on sale for $40 \%$ off. What is the sale price of the polo shirt?
10. Jose has $\$ 4,000$ dollars in a Chase bank account. Each year the account earns $5 \%$ simple interest. How much interest will be earned in 4 years?
11. Kevin bought a truck for $\$ 3,600$ and
later sold it for a $30 \%$ profit. How much did Kevin sell the truck for?
12. The $X$-Box console costs $\$ 250$, a controller $\$ 50$, and a game $\$ 55$. How much does the X-Box console, with four controllers, and two games cost?
13. Jennifer bought 2 bags of Potato Skins
for $\$ 3.36$. How much did each bag cost?
14. At the market Mark bought three boxes of Honey Comb cereal. If each box costs $\$ 4.92$, how much did Mark pay for all three boxes.

Write the equivalent fraction, decimal, and/or percentage.
15. $\frac{3}{4}$
16. $45 \%$

P:
D:
F:
19. $1 \%$

D:
F:
22. $\frac{6}{5} \cdot \frac{5}{3}$
23. $\frac{5}{6} \cdot 3$
24. $\frac{5}{9} \div \frac{1}{3}$
25. $\frac{2}{7} \div 3$
26. $\frac{5}{6}+\left(\frac{1}{3}-\frac{1}{5}\right)$
27. $-8-7$
28. $(-8)(-7)$
32. $(-3)+(-4)+(-9)$
31. $(-3)(-4)(-9)$
36. $19.7 \div .05$
35. $28.8 \div 1.6$
29. $(-63)+(-18)$
30. $18+(-25)$
33. $\frac{-9}{72}$
34. $-132 \div 12$
39. Chelsea is baking Chocolate Chip cookies. The recipe calls for $\frac{3}{4}$ cup flour. If Chelsea wants to make 3 times the recipe, how much flour will she need to use.
40. The temperature at the beginning of the day is $61^{\circ} \mathrm{F}$ and drops to $-6^{\circ} \mathrm{F}$ by midnight. How many degrees did the temperature drop?

Write in standard form. Write in standard form. Write in scientific notation. Write in scientific notation.
41. $5.63 \times 10^{5}$
42. $7.02 \times 10^{-5}$
43. . 0000658
44. $81,200,000$

## Answer Key:



