

Performance Task: 6.4G
Rates and Ratios: Chore Money Distribution

Cole receives \$15 each week from his parents for performing chores around the house. This week he plans to spend $\frac{1}{3}$ of his money to see a movie with friends, 0.2 of his money on music downloads, save $\frac{7}{20}$ of his money, and put the remaining amount of his money in the jar for giving.

Janel, Coles' older sister, gets \$20 a week for her chores. This week she spends the same amount of money that Cole spends on the movie to get a new art notebook. She also will spend $\frac{3}{8}$ of her money on a book at the school book fair and 0.6 of what remains she will add to her savings. The remaining amount of her money she puts in the giving jar.

- What percent of his or her allowance was used on each item purchased and for savings and giving?
- Who puts more in the giving jar?
- What percent of their combined chore money for the week is used for giving?

Justify your reasoning.

Procedural	0	1	2	
Conceptual	0	1	2	
Communication	0	1	2	

Total points: _____



Performance Task: 6.4G
Rates and Ratios: Chore Money Distribution

Cole receives \$20 each week from his parents for performing chores around the house. This week he plans to spend $\frac{1}{4}$ of his money to see a movie with friends, 0.4 of the money on music downloads, save $\frac{3}{10}$ of his money, and the remaining amount he will put in a jar for giving.

Janel, Coles' older sister, gets \$30 a week for her chores. This week she spends the same amount of money that Cole spends on the movie to get a new art notebook. She also will spend $\frac{5}{8}$ of her money on a hardcover book at the school book fair and 40% of what remains she will add to the giving jar. The remaining of money she puts in her savings.

1. What amount of money does Cole spend on the movie with friends?
2. What percent of his total chore money does the movie cost represent?
3. What amount of money does Cole spend on music downloads?
4. What percent of his total chore money do the music downloads represent?
5. What amount of money does Cole put in savings?



6. What percent of his total chore money does his savings represent?

7. What amount of money is left to put into the giving jar?

8. What percent of his total chore money does his giving jar amount represent?

9. What amount of money does Janel spend on the art notebook?

10. What percent of Janel's total chore money does the art notebook represent?

11. What amount of money does Janel spend on the book?

12. What percent of Janel's total chore money does the book represent?



13. What amount of Janel's chore money remains after buying the notebook and the book?
What amount of this remaining money was put into the giving jar?

14. What percent of Janel's total chore money does her giving jar amount represent?

15. What amount of money does Janel put in savings?

16. What percent of Janel's total chore money does her savings amount represent?

17. How much combined do the siblings put into the giving jar? How much total money did they earn in chores?

18. What percent of the total chore money does their combined giving money represent?

