Principles & Standards for School Mathematics outlines the essential components of an effective school mathematics program.

The NCTM's Principles & Standards for School Mathematics

The **Principles** are the fundamentals to an effective mathematics education. The **Standards** are descriptions of what mathematics instruction should enable students to learn. Together the **Principles and Standards** offer a comprehensive and coherent set of learning goals, serving as a resource to teachers and a framework for curriculum. Our resource offers exercises written to the **NCTM Process and Content Standards** and is inspired by the **Principles** outlined below.



Our resource correlates to the six Principles and provides teachers with supplementary materials which can aid them in fulfilling the expectations of each principle. The exercises provided allow for variety and flexibility in teaching and assessment. The topical division of concepts and processes promotes linkage and the building of conceptual knowledge and understanding throughout the student's grade and elementary school career. Task sheet problems offer space for reflection, and opportunity for the appropriate use of technology. The drill sheets are provided to help students with their procedural proficiency skills.









Task Sheet 5

5) Sarah bought two t-shirts and three posters at a concert. She paid with two \$100 bills.

> T-shirts: \$45 each Posters: \$15 each



Show at least three different ways Sarah would get change using \$5, \$10, and \$20 denominations.

C	
)
	What coins would you use to make change instead of bills?

NAME:

Review B

Review Sheet

Galen and Tessa go to the target range for archery practice. Colors on the target indicate a different number of points.

- Yellow is 50 points
- Red is 40 points
- Blue is 30 points
- Black is 20 points
- White is 10 points

Answer the following questions using the information above. Remember to show your work and explain your thinking using diagrams, pictures, and marts.

Show your work:	NP V
Answer:	NN
What are all the way	s that Galen and Tessa as a team can score 150 points?
What are at the way Show your work:	s trat Galen and Tessa as a team can score 150 points?
What are at the way Show your work:	s trat Galen and Tessa as a team can score 150 points

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c) One way to organize data is to use the same shape as indicated in the question, in this case, an archery target. Use the circle to the right to show the possible point combinations when scoring 300 points.



Calculating Popsicle Sales

The School Parent Council is having a Popsicle sale to raise money for the school library.

Look at the section of the circle graph carefully. The smallest section will be the least number of popsicles sold. Using the information below, finish the circle graph by writing the grade and amount of popsicles sold into their corresponding section.

