

*Saxon Math 1*

**Extension and Enrichment**

**Student Problems**

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**Extension and Enrichment**  
**Saxon Math 1, Lesson 10-2**  
**Problem-Solving Worksheet 10A**

John, Heath, and Paul are wearing different color shirts. One is brown, one is orange, and one is blue. John's shirt is orange, and Paul's is not brown. What color is Heath's shirt? If Paul and John trade shirts, what color would Paul's shirt be?

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**Extension and Enrichment**  
**Saxon Math 1, Lesson 15-1**  
**Guided Class Practice, Problem 2**

Brenda bought 7 apples. Jenny and Brenda ate 1 apple each. Draw a picture to show the apples Brenda bought, and then cross out the apples Brenda and Jenny ate. If Brenda and Jenny had eaten 2 apples each, how many apples would Brenda have left?

**Extension and Enrichment**  
**Saxon Math 1, Lesson 20-2**  
**Problem-Solving Worksheet 20A**

Cord has a white cat and a gray cat. His cats like to play with 3 balls of yarn. One ball is red, one is green, and one is blue. Draw a picture to show the different ways the cats can play with the different color balls of yarn.

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**Extension and Enrichment**  
**Saxon Math 1, Lesson 25-1**  
**Guided Class Practice, Problem 4**

Draw 6 squares.

Write the letter **c** in the **first** and **fourth** squares.

Write the letter **l** in the **fifth** square.

Write the letter **i** in the **second** square.

Write the letter **e** in the **sixth** square.

Write the letter **r** in the **third** square.

**Extension and Enrichment**  
**Saxon Math 1, Lesson 30-2**  
**Problem-Solving Worksheet 30A**

A farmer planted 4 rows of seeds. If he planted 5 seeds in the first row and added 2 more seeds to each row, how many seeds would be in the fourth row? Draw a picture to show the total number of seeds the farmer planted.

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**Extension and Enrichment**  
**Saxon Math 1, Lesson 35-1**  
**Guided Class Practice, Problem 2**

Seven boys, 8 girls, and 5 dogs walked to the park. Draw a picture and write a number sentence to show the number of children who walked to the park.

**Extension and Enrichment**  
**Saxon Math 1, Lesson 40-2**  
**Problem-Solving Worksheet 40A**

Trace the yellow, red, orange, green, and blue pattern blocks.  
Mariah, Preston, Maci, Basil, and Sadie each chose a different pattern block as their favorite. Mariah's favorite is red.  
Preston's favorite is blue. Maci's favorite is the largest.  
Basil's favorite has 3 sides. Circle Sadie's favorite pattern block. What color is Sadie's favorite block?

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**Extension and Enrichment**  
**Saxon Math 1, Lesson 45-1**  
**Guided Class Practice, Problem 3**

Circle the numbers that are between 31 and 39.

40 35 29 33

Cross out the number that is after 39.

**Extension and Enrichment**  
**Saxon Math 1, Lesson 50-2**  
**Problem-Solving Worksheet 50A**

Marty has 8 marbles. One of the marbles is green and 3 marbles are blue. He has an equal number of red marbles and yellow marbles. Show how many red marbles and yellow marbles Marty has.

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**Extension and Enrichment**  
**Saxon Math 1, Lesson 55-1**  
**Guided Class Practice, Problem 3**

Mrs. Hammond divided a cracker into fourths.  
Draw the cracker.  
Draw lines to divide the cracker into fourths.  
She put cheese on 3 of the fourths.  
Use an orange crayon to show the cheese.  
Write the fraction **one fourth** in the last fourth.

**Extension and Enrichment**  
**Saxon Math 1, Lesson 60-2**  
**Problem-Solving Worksheet 60A**

Kevin made a large, small, large, small pattern using star stickers. He used a red, green, yellow, green color pattern. Draw and color 8 stickers showing the pattern Kevin made with the stickers.

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**Extension and Enrichment**  
**Saxon Math 1, Lesson 65-1**  
**Guided Class Practice, Problem 3**

Write **5 odd** numbers.  
Add **3** to each number.  
Write the answers.  
Add **4** to the answers.  
Write the totals.

**Extension and Enrichment**  
**Saxon Math 1, Lesson 70-2**  
**Problem-Solving Worksheet 70A**

Mrs. Ramos is setting the table for 6 people. She has 6 plates and 6 cups. She needs 2 more forks to have enough for all 6 people. Show how many forks Mrs. Ramos has.

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**Extension and Enrichment**  
**Saxon Math 1, Lesson 75-1**  
**Guided Class Practice, Problem 5**

Using the fewest dimes, nickels, and pennies, show how many of each you would need to buy a 17¢ sheet of stickers.

**Extension and Enrichment**  
**Saxon Math 1, Lesson 80-2**  
**Problem-Solving Worksheet 80A**

Raquel has 9 pennies. She wants to buy 3 different stickers. Which 3 of the following stickers could she buy using all of her 9 pennies?

goldfish sticker 1¢

turtle sticker 2¢

cat sticker 3¢

dog sticker 4¢

pony sticker 5¢

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**Extension and Enrichment**  
**Saxon Math 1, Lesson 85-1**  
**Guided Class Practice, Problem 3**

Malek has purple, orange, and green beads. He wants to make a bracelet with a color pattern. Color a bracelet he could make. What color pattern did you show?

**Extension and Enrichment**  
**Saxon Math 1, Lesson 90-2**  
**Problem-Solving Worksheet 90A**

Skip has 6 shirts and 4 pairs of jeans. Three shirts are white, and the rest are either blue or red. If only 1 shirt is red, show how many blue shirts Skip has.

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**Extension and Enrichment**  
**Saxon Math 1, Lesson 95-1**  
**Guided Class Practice, Problem 5**

Make a receipt that shows items bought that cost 64¢ and 59¢. Show the total. Write it with the dollar sign.

**Extension and Enrichment**  
**Saxon Math 1, Lesson 100-2**  
**Problem-Solving Worksheet 100A**

Shelley has a striped scarf and a dotted scarf. She has 3 pairs of mittens. One pair is red, one pair is green, and one pair is yellow. Draw a picture to show all the different ways she can wear her scarves and mittens.

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**Extension and Enrichment**  
**Saxon Math 1, Lesson 105-1**  
**Guided Class Practice, Problem 3**

Maria had 26 linking cubes. She put them in trains of 10. Draw them. She found 17 more linking cubes. Draw those. How many linking cubes does Maria have altogether?

**Extension and Enrichment**  
**Saxon Math 1, Lesson 110-2**  
**Problem-Solving Worksheet 110A**

Zen has 20 marbles. He would like to give 4 marbles to each friend and keep 4 marbles for himself. Show how many friends will get marbles.

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**Extension and Enrichment**  
**Saxon Math 1, Lesson 115-1**  
**Guided Class Practice, Problem 5**

Draw 23 tally marks. Add 13 more tally marks. How many tally marks are there altogether? How many groups of fives do you have? How many tally marks are left?

**Extension and Enrichment**  
**Saxon Math 1, Lesson 120-2**  
**Problem-Solving Worksheet 120A**

Mandy wants to spend exactly 50¢ at the snack bar. The choices are:

banana 5¢ apple 10¢ orange 15¢ juice 20¢ milk 25¢

Show 3 items she can buy spending exactly 50¢. Hint: She can choose 2 of the same item.

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**Extension and Enrichment**  
**Saxon Math 1, Lesson 125-1**  
**Guided Class Practice, Problem 4**

Draw a 4-inch line segment. Draw another 2-inch line segment on the end of the first line segment. How long is the line segment now?

**Extension and Enrichment**  
**Saxon Math 1, Lesson 130-2**  
**Problem-Solving Worksheet 130A**

Rulers cost 10¢ each. Show how much money Beka will need to buy 5 rulers.

Number of Rulers	1	2	3	4	5	
Cost	10¢					

If she bought one more ruler, show how much money she would need altogether.

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**Extension and Enrichment**  
**Saxon Math 1, Lesson 135**  
**Guided Class Practice, Problem 4**

Draw 2 quarters, 1 dime, and 1 nickel. How much money is this? Cross out 1 quarter. How much money is left?