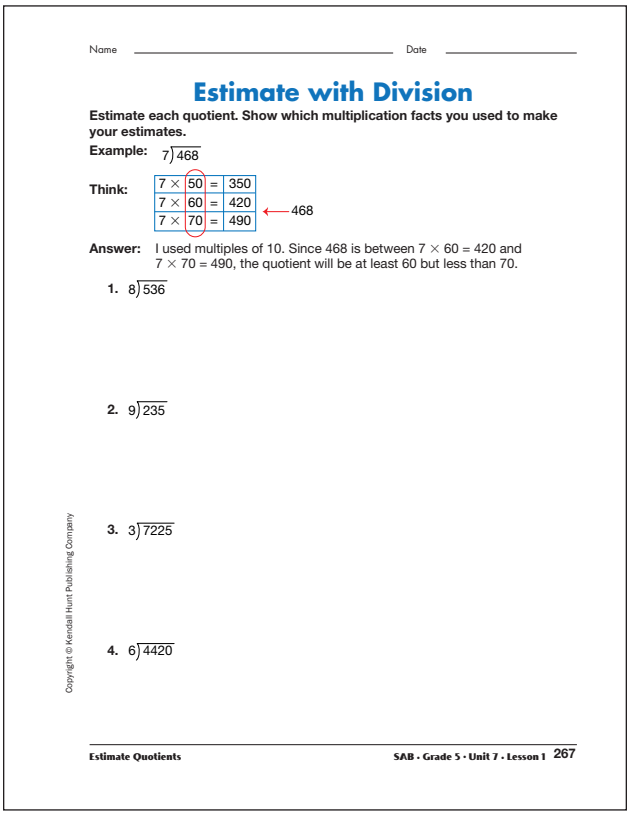

Name _____ Date _____

Estimate with Division

Estimate each quotient. Show which multiplication facts you used to make your estimates.

Example: $7\overline{)468}$

Think:

7 ×	50	=	350
7 ×	60	=	420
7 ×	70	=	490

← 468

Answer: I used multiples of 10. Since 468 is between 7 × 60 = 420 and 7 × 70 = 490, the quotient will be at least 60 but less than 70.

1. $8\overline{)536}$

2. $9\overline{)235}$

3. $3\overline{)7225}$

4. $6\overline{)4420}$

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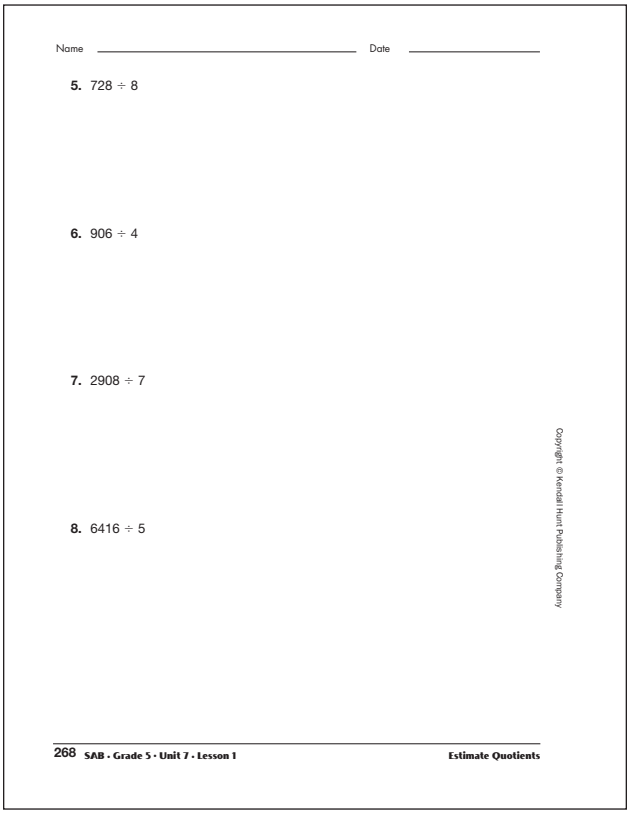

Name _____ Date _____

5. 728 ÷ 8

6. 906 ÷ 4

7. 2908 ÷ 7

8. 6416 ÷ 5

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Student Activity Book

Estimate with Division (SAB pp. 267–268)
Questions 1–8

Estimates and strategies will vary. One possible strategy is given for each.

1.* Between 60 and 70; 8 × 60 = 480 and 8 × 70 = 560, so 536 ÷ 8 is between 60 and 70.

2.* Between 20 and 30; 9 × 120 = 180 and 9 × 30 = 270, so 235 ÷ 9 is between 20 and 30.

3. Less than 2500; 3 × 2500 = 7500, so 7255 ÷ 3 will be less than 2500.

4. More than 700, 6 × 700 = 4200, so 4420 ÷ 6 will be more than 700.

5. 91; 720 ÷ 8 = 90, so 728 ÷ 8 is one more, 91.

6. Less than 250; 1000 ÷ 4 = 250, so 906 ÷ 4 is less than 250.

7. A little more than 400; 2800 ÷ 7 = 400, so 2908 will be more than 400.

8. About 1280; 6000 ÷ 5 = 1200 and 400 ÷ 5 = 80, so 6416 will be close to 1280.

***Answers and/or discussion are included in the lesson.**