4th grade Thanksgiving math: Fractions of a pie

Name _____ Date _____

For grown-ups: every pie is cut into equal slices, so only the top numbers change. Answers on page 2 keep the slice size: 4/8 and 1/2 are both right.

1. A pumpkin pie is cut into 10 equal slices. Leo eats 5/10 of the pie and Lily eats 3/10. What fraction of the pie do they eat together?

Answer: _____

2. After dinner, 6/10 of an apple pie is left. The next day the family eats 2/10 of the pie. What fraction of the pie is left now?

Answer: _____

3. A pie has 12 equal slices. Grandma eats 3/12 of it, Dad eats 1/12 and the cousins eat 3/12. What fraction of the pie is eaten?

Answer: _____

4. The family has 2 whole pies and 3/6 of another pie. A neighbor brings 2/6 of a pie of the same size. How much pie is there now, as a fraction?

Answer: _____

5. A pumpkin pie is cut into 12 equal slices. Nia eats 6/12 of the pie and Omar eats 4/12. What fraction of the pie do they eat together?

Answer: _____

6. After dinner, 5/12 of an apple pie is left. The next day the family eats 2/12 of the pie. What fraction of the pie is left now?

Answer: _____

7. A pie has 10 equal slices. Grandma eats 3/10 of it, Dad eats 1/10 and the cousins eat 1/10. What fraction of the pie is eaten?

Answer: _____

8. The family has 2 whole pies and 4/8 of another pie. A neighbor brings 7/8 of a pie of the same size. How much pie is there now, as a fraction?

Answer: _____

4th grade Thanksgiving math: answer key

Fractions of a pie

1. 5/10 + 3/10 = 8/10 of the pie
2. 6/10 – 2/10 = 4/10 of the pie
3. 3/12 + 1/12 + 3/12 = 7/12 of the pie
4. 2 + 3/6 + 2/6 = 17/6 pies (that is 2 5/6)
5. 6/12 + 4/12 = 10/12 of the pie
6. 5/12 – 2/12 = 3/12 of the pie
7. 3/10 + 1/10 + 1/10 = 5/10 of the pie
8. 2 + 4/8 + 7/8 = 27/8 pies (that is 3 3/8)