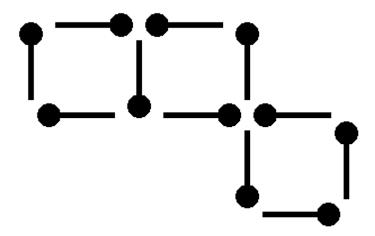
1. In this diagram 11 matches make 3 squares:



Your challenge is to move 3 matches to show 2 squares.

- 2. Duncan uses 1/2 of a cup of vinegar in his salad dressing recipe. How much vinegar would Duncan use to make 1/4 of a recipe?
 - Simplify your answer and write it as a proper fraction or as a whole or mixed number.
- 3. Jackson High School is holding a fundraiser and plans to use 5/8 of the money collected to build a new library. Of the money directed towards building the new library, 3/4 will go towards purchasing computers. What fraction of the money raised will go towards purchasing computers for the library?
- 4. At Madison High School, 2/5 of the students play a sport. Of the students who play a sport, 1/5 play football. What fraction of the students at Madison High School play football?
- 5. Lia's lemon cookie recipe calls for 4/5 of a cup of sugar. How much sugar would Lia use to make 3/8 of a batch of cookies?
- 6. Yesterday, Dave's Snack Shack went through 1/3 of a bottle of ketchup. If they used 1/3 as much mustard as ketchup, how many bottles of mustard did they go through?
- 7. The dolphins at the Warren Aquarium are fed 1/2 of a bucket of fish each day. The sea otters are fed 1/2 as much fish as the dolphins. How many buckets of fish are the sea otters fed each day?
- 8. Henry operates a hot dog stand. On Wednesday he used 3/10 of a bag of hot dog buns. On Thursday he used 2/5 as many hot dog buns as on Wednesday. How many bags of hot dog buns did Henry use on Thursday?
- 9. Greg made strawberry jam and raspberry jam. He made enough strawberry jam to fill 4/5 of a jar. If he made 1/8 as much raspberry jam as strawberry jam, how many jars will the raspberry jam fill?
- 10. Jeanette had 3/4 of an apple pie. She gave 1/2 of what she had to her friend Lexi. What fraction of the whole pie did Lexi get?

Tài liệu ôn thi vào lớp 6 Trần Đại Nghĩa

- 11.Of the songs in Cooper's music library, 3/4 are rock songs. Of the rock songs, 1/2 feature a guitar solo. What fraction of the songs in Cooper's music library are rock songs that feature a guitar solo?
- 12.Emma operates an orange juice stand. On Monday she used 1/3 of a bag of oranges. On Tuesday she used 2/3 as many oranges as on Monday. How many bags of oranges did Emma use on Tuesday?
- 13.At Lincoln College, 3/8 of the students are enrolled in an art class. Of the students enrolled in an art class, 1/6 are enrolled in a painting class. What fraction of the students at Lincoln College are enrolled in a painting class?
- 14. Scarlett and Nancy are collecting clothes for a clothing drive. Nancy collected 3/5 as many clothes as Scarlett did. If Scarlett collected 4/5 of a bag of clothes, how many bags of clothes did Nancy collect?
- 15.Zack went to the candy store and bought 5/6 of a pound of candy. If 2/5 of Zack's candy was chocolate, how many pounds of chocolate candy did Zack buy?
- 16.At Marta's Restaurant, 5/8 of the dishes on the menu are vegetarian. Of the vegetarian dishes, 1/2 are pasta dishes. What fraction of the dishes on the menu are vegetarian pasta dishes?
- 17.Of the students in the band, 1/2 play a brass instrument. Of the students who play a brass instrument, 2/5 play the trumpet. What fraction of the students in the band play the trumpet?
- 18.Ava had 7/8 of a pound of blueberries. Ava let her friend Lyla eat 1/3 of the blueberries. How many pounds of blueberries did Lyla eat?
- 19.Last week, Danny's Fruit Stand sold 1/4 of a box of grapefruits. Down the road, Laverne's Fruit Stand sold 3/5 as many boxes of grapefruits as Danny's did. How many boxes of grapefruits did Laverne's Fruit Stand sell?
- 20. The elephants at the Franklin Zoo are fed 3/5 of a barrel of corn each day. The buffalo are fed 3/4 as much corn as the elephants. How many barrels of corn are the buffalo fed each day?
- 21.At the Hamilton Zoo, 1/2 of the animals are primates. Of the primates, 1/4 are monkeys. What fraction of the animals at the Hamilton Zoo are monkeys?