| 4 | | Basic Probability | Name: | |
|---------|---|--|--------------------------------------|----------|
| Use | each diagram to solve the prob | • | И . | nc |
| 1) | | time what is the probability it will land on | Answei 1. | <u> </u> |
| 2) | If you were to roll the dice one on an odd number? | time, what is the probability of it landing | 2 | |
| 3) | If you were to roll the dice one that and on a 1? | time what is the probability it will NOT | 3 4 | |
| | | | r. | |
| • | | If you spun the spinner 1 time, what is the proof landing on either a gray piece or a white p | * 11 | |
| | | If you spun the spinner 1 time, what is the pawould land on a white piece? | robability it ^{7.} | |
| | | If you spun the spinner 1 time, what is the provide the provided and on a gray piece? | robability it 9 | |
| | 7) | If you spun the spinner 1 time, what is the p | robability it | |
| | | would land on a black piece? How many pieces are there total in the spinn | er? | |
| • 9) | Which shape has a 0.40% chan being selected? | ce (8 out of 20) of $\Rightarrow \Rightarrow \Box \Rightarrow$ $\Rightarrow \Rightarrow \Box \Rightarrow$ | | |
| 10) | If you were to select 1 shape at what shape do you have the gree selecting? | | | |
| 11) | How many shapes are there tota | al in the array? | | |
| 12) | If you were to select 1 shape at what is the probability it will be | • | | |
| | Math www.Common | // | 10 92 83 75 67 58 50 42 33 -12 8 0 | 25 17 |

| | Basic Probability Name: | Answer Key |
|------------|---|------------------------|
| Use | each diagram to solve the problems. | Answers |
| | | Answers |
| 1) | If you were to roll the dice one time what is the probability it will land on a 5? | 1. 1 out of 6 |
| 2) | If you were to roll the dice one time, what is the probability of it landing on an odd number? | 2. 3 out of 6 |
| | | 3. 5 out of 6 |
| 3) | If you were to roll the dice one time what is the probability it will NOT land on a 1? | 4. 6 out of 9 |
| • | • | 5. 3 out of 9 |
| / | 4) If you spun the spinner 1 time, what is the probability of landing on either a gray piece or a white piece? | 6. <u>3 out of 9</u> |
| | 5) If you spun the spinner 1 time, what is the probability it | 7. 3 out of 9 |
| | would land on a white piece? | 8 |
| | 6) If you spun the spinner 1 time, what is the probability it would land on a gray piece? | 9. <u>star</u> |
| | 7) If you spun the spinner 1 time, what is the probability it | 10. circle |
| | would land on a black piece? | 11. 20 |
| | 8) How many pieces are there total in the spinner? | 12. 5 out of 20 |
| | | |
| 9) | Which shape has a 0.40% chance (8 out of 20) of being selected? | |
| | $\overleftrightarrow \ \bigtriangleup \ \Box \ \bigstar$ | |
| 10) | If you were to select 1 shape at random from the array, \square \square \bigcirc \bigcirc what shape do you have the greatest probability of selecting? | |
| 11) | How many shapes are there total in the array? | |
| 12) | If you were to select 1 shape at random from the array, what is the probability it will be a circle? | |
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