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**Mental Math Problems LE # 1**
1. Find the sum of 5 and 5 (10)
   Add 3 (13)
   Add 2 more (15)

2. Find the sum of 2 and 2 (4)
   Double that (8)
   Add 6 more (14)

3. Find the sum of 3 and 3 (6)
   Double that (12)
   Add 6 more (18)

4. Find the sum of 6 and 2 (8)
   Double that (16)
   Add 7 more (23)

5. Find the sum of 5 and 4 (9)
   Double that (18)
   Add 9 more (27)

6. Find the sum of 3 and 6 (9)
   Double it (18)
   Add 10 more (28)

7. Find the sum of 6 and 6 (12)
   Double that (24)
   Subtract 10 (14)

8. Find the sum of 6 and 4 (10)
   Double that (20)
   Add 12 more (32)

9. Find the sum of 9 and 2 (11)
   Double that (22)
   Add 9 more (31)

10. Find the sum of 10 and 5 (15)
    Double that (30)
    Double that (60)

11. Find the sum of 6 and 4 (10)
    Double that (20)
    Double that (40)

12. Find the sum of 1 and 2 (3)
    Triple that (9)
    Double that (18)

13. Find the sum of 1 and 1 (2)
    Triple that (6)
    Double that (12)

14. Find the sum of 2 and 3 (5)
    Triple that (15)
    Double that (30)

15. Find the sum of 3 and 2 (5)
    Double that (10)
    Triple that (30)
1. Think about the number of sides on a triangle (3)
   Subtract 2 (5)
   Add 10 (11)

2. Think about the number of sides on a square (4)
   Add 6 (10)
   Take away 8 (2)

3. Think about the number of sides on a hexagon (6)
   Add 5 (11)
   Subtract 8 (3)

4. Think of the number of sides on an Octagon (8)
   Subtract 5 (3)
   Add 12 (15)

5. Think of the number of sides on two triangles (6)
   Add 7 (13)
   Subtract 9 (4)

6. Think of the number of sides on two Rectangles (8)
   Add 20 (28)
   Subtract 10 (18)

7. Think of the number of points in a star (5)
   Add 20 (25)
   Subtract 15 (10)

8. Think of the number of sides in two squares (8)
   Add 7 (15)
   Subtract 9 (6)

9. Think of the number of sides in three triangles (9)
   Subtract 5 (4)
   Double that (8)

10. Think of the number of sides in one triangle and one square (7)
    Add 12 (19)
    Subtract 6 (13)

11. Think of the number of sides in two triangles and two squares (14)
    Add 10 (24)
    Subtract 7 (17)

12. Think of the number of sides in one hexagon and one triangle (9)
    Double that (18)
    Subtract 7 (11)

13. Think of the number of sides in three hexagons (18)
    Add 8 (26)
    Add 10 more (36)

14. Think of the number of sides in two squares and one triangle (11)
    Add 50 (61)
    Subtract 21 (40)

15. Think of the number of sides in one rectangle, one square and one triangle (11)
    Double that (22)
    Add 11 (33)
1. Think about the number of pennies in ½ of a dollar (50)
   Subtract 10 (40)
   Add 5 more (45)

2. Think about how many dimes in a dollar (10)
   Subtract 5 (5)
   Add 7 (12)

3. Think of the number of pennies in a nickel (5)
   Add the number of pennies in a dime (15)
   Add 7 more (22)

4. Think of the number of pennies in a dime (10)
   Add 40 (50)
   Subtract 25 (25)

5. Think of the number of pennies in a quarter (25)
   Add the number of pennies in a nickel (30)
   Add the number of pennies in a dime (40)

6. Think of the number of nickels in a quarter (5)
   Add 6 (11)
   Take away 7 (4)

7. Think of the number of dimes in half of a dollar (5)
   Add 15 (20)
   Take away 12 (8)

8. Think of the number of nickels in ½ of a dollar (10)
   Take away 5 (5)
   Add 25 (30)

9. Think of the number of pennies in three nickels (15)
   Subtract 8 (7)
   Add 5 (12)

10. Think about the number of pennies in four dimes (40)
    Subtract 15 (25)
    Add 7 (32)

11. Think of the number of pennies in one dime and two nickels (20)
    Add the number of nickels in a quarter (25)
    Add the number of dimes in a dollar (35)

12. Think of the number of pennies in a dollar (100)
    Add the number of pennies in ½ a dollar (150)
    Add 100 more pennies (200)
    How many dollars is that? (2)

13. Think about the number of nickels in a dollar (20)
    Add the number of pennies in a dollar (120)
    Subtract # of pennies in ½ of a dollar (70)

14. Think about the number of pennies in 3 quarters (75)
    Subtract pennies in one quarter (50)
    Add pennies in three nickels (65)

15. Think about the number of nickels in three quarters (15)
    Add the number of pennies in 3 quarters (90)
    Take away number of pennies in 3 dimes (60)

Mental Math Problems LE # 4
1. Think about the number of days in a week (7)
   Subtract 2 (5)
   Triple that number (15)

2. Think about the number of months in a year (12)
   Double that (24)
   Add 60 more (84)

3. Think about the number of weeks in a month (4)
   Triple that (12)
   Double that (24)

4. Think about the number of days in a week-end (2)
   Add 10 (12)
   Add 100 more (112)

5. Think about the number of school days in a week (5)
   Add 20 (25)
   Subtract 7 (18)

6. Think about the number days in a 2 weeks (14)
   Add 5 more (19)
   Add 60 more (79)

7. Think about the number of months in ½ year (6)
   Add the number of days in 2 weeks (20)
   Subtract 15 (5)

8. Think about the number of seasons in a year (4)
   Double that (8)
   Double that again (16)
   Take away 9 (7)

9. Think about the number of days in 2 weeks (14)
   Subtract the number of days in 2 week-ends (10)
   Add the days of 1 week (17)

10. Think about the number of days in April (30)
    Add 12 (42)
    Take away 20

11. Think about the number of seasons in 2 years (8)
    Add the number of days in 2 weeks (22)
    Add 50 more (72)

12. Think about the number of seasons in 3 years (12)
    Add the number of days in 2 weeks (26)
    Add 50 more (76)

13. Think about the number of school days in 4 weeks (20)
    Add 80 (100)
    Subtract 60 (40)

14. Think about the number of days in April and May (61)
    Add 100 (161)
    Add 500 more (661)
    Add 30 more (691)

15. Think of ½ the number of days in Sept. (15)
    Double that (30)
    Triple that (90)
    Add 15 (105)

Mental Math Problems LE # 5
1. How many numerals on the face of a clock (12)
   Add 4 (16)
   Add 10 more (26)

2. Each number represents how many minutes (5)
   Add 14 (19)
   Take away 15 (4)

3. When the big hand is on the #two, how many minutes are represented (10)
   Double that (20)
   Add 30 more (50)

4. How many minutes in ½ of an hour (30)
   Add 10 (40)
   Add 8 more (48)

5. When the little hand is on #6 and the big hand is on #12 what time is it? (12:30)
   What time will it be in 30 more minutes? (1:00)
   How many more hours until 4:00? (3)

6. How many minutes in 1 hour? (60)
   Add 30 (90)
   Take away 40 (50)

7. When the minute hand is on #9 how many minutes is that? (45)
   Add 15 (60)
   Take away the minutes in ½ an hour (30)

8. When the little hand is on the number #3, how many minutes is that? (15)
   How many more minutes to get to the #6? (15)
   Add 60 more (75)

9. When the little hand is on #7, how many minutes is that? (35)
   Add 20 more (55)
   How many more to get to 95? (40)

10. Think about 7:30, how many more minutes until 8:30? (60)
    How many more hours until 12:30? (4)
    How many hours until 8:30? (8)

11. Think little hand on #6, big hand on #12. What time is it? 6:00
    How many more hours until 12:00? (6)
    How many more minutes until 12:45? (45)

12. Think 12:30, 1:30 is how many minutes later? (60)
    How many more minutes until 2:30 (60)
    How many more minutes until 3:00? (30)

13. Think little hand is on #3 how many minutes does that represent? (15)
    How many more minutes to get to the number 9? (30)
    How many more minutes to get to the 3 again? (30)

14. Think big hand is on the #5, and the little hand is on the #2, what time is it? 2:25
    How many more minutes to get to 2:50? (25)
    How many more hours until 5:50? (3)

15. Think little hand on #8, how many minutes is that? (40)
    How many minutes to get to the #1 (25)
    How many minutes to get to 12? (55)
1. How many inches in one foot? (12) Double that (24) Take away 4 (20)

2. How many inches if ½ foot? (6) Double that (12) Subtract 2 (10) Triple that (30)

3. Add 7 inches to 5 inches (12 inches) Add one foot more (24 inches or 2 ft) How many more inches to make a yard? (12)

4. Add the inches in one foot to 6 inches (18) Add 10 more (28) Subtract number of inches in 2 feet (4)


6. How many inches in 2 feet? (24) Add 20 (44) Subtract 30 (14)

7. How many feet in a yard? (3) Add 16 (19) Subtract 7 (12)

8. How many inches in 2 feet? (24) Take away 10 (14) Add 40 (54)

9. How many inches in 3 feet? (36) Take away the number of inches in 1 yard (0) Double that (0)

10. Add 6 inches to 6 inches how many feet do you have (1) Add 1 yard to that, how many feet now? (4) Take away 12 inches how many feet now? (3)

11. If a pencil is 4 inches long, how many do you need to make one foot? (3) How many more pencils to make 2 feet? (3) How many more pencils to make 1 yard? (3)

12. Add 12 inches to 12 inches how many feet do you have? (2) Add 22 more (24) How many more inches to make a yard? (12)

13. Add the inches in one foot to 10 (22) Add 70 more (92) Take away 60 (32) How many more to get to 100 (68)

14. Add 5 inches to 5 inches how many inches do you have (10) Add 90 more (100) How many more to get to 1000? (900)

15. How many inches in one and a half feet? (18) Add 1½ feet more, how many feet now? (3 ft) How many more yards to make 10 yards? (9)

16. How many inches in 4 feet? (48) Subtract the number of inches in 2 feet (24) Subtract the number of inches in ½ a foot (18) Add the number of inches in 3 feet (54)
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<th>Problem Description</th>
<th>Answer</th>
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| 1 | Think about one less than 7 (6)  
Count on three more (9)  
How many more do we need to get to 10? (1) |        |
| 2 | Think about 2 less than 5 (3)  
Count on 8 more (11)  
How many more to get to 20? (9) |        |
| 3 | Think about 8 less than 15 (7)  
Count on 8 more (15)  
How many more to make 20? (5) |        |
| 4 | Think about 10 less than 70 (60)  
Count on 7 more (67)  
How many more to make 87? (20) |        |
| 5 | Think about 4 less than 20 (16)  
Count on 8 more (24)  
How many more to get to 30? (6) |        |
| 6 | Think about 10 more than 40 (50)  
Count on 5 more (55)  
How many more to get to 65? (10) |        |
| 7 | Think about 7 less than 15 (8)  
Count on 9 (17)  
How many more to get to 37? (20) |        |
| 8 | Think about 9 less than 15 (6)  
Count on 8 (14)  
How many more to get to 20? (6) |        |
| 9 | Think of a number 10 less than 70 (60)  
Count on 20 (90)  
Subtract 50 (40) |        |
| 10 | Think of a number 70 less than 90 (20)  
Double that (40)  
Double that again (80)  
Double that (160) |        |
| 11 | Think about a number 50 less than 90 (40)  
Count on 6 more (46)  
How many more to get to 106? (60) |        |
| 12 | Think about a number 5 less than 20 (15)  
Double that (30)  
How many more to get to 200? (170) |        |
| 13 | Think about 200 less than 600 (400)  
Double that (800)  
How many more to get to 1000? (200) |        |
| 14 | Think about 10 less 70 (60)  
Double that (120)  
Count on 500 more (720)  
How many more to get to 920? (200) |        |
| 15 | Think about 100 less than 1000 (900)  
Count on 10 more (910)  
How many more to get to 1100? (190) |        |
1. One dime is how many cents? (10c)
   Add two nickels (20c)
   Take away four pennies (16c)

2. One quarter is how many cents? (25c)
   Add one dime (35c)
   Take away one nickel (30c)

3. Two nickels are how many cents? (10c)
   Add two dimes (30c)
   Take away one nickel (25c)

4. Think about 8 pennies and one dime (18c)
   Take away one nickel (13c)
   How much to make one quarter? (12c)

5. Three dimes equals (30c)
   How much more to make $1.00? (70c)
   Add one nickel (75c)
   How many quarters can you make? (3)

6. Six dimes equals (60c)
   Add one dime and one nickel (75c)
   Add one quarter (1.00)

7. Add 3 nickels and one dime (25c)
   Take away one quarter (0)
   Add nine dimes (90c)

8. Add one quarter and 4 pennies (29c)
   Add 3 dimes (59c)
   Take away 2 quarters (9c)

9. Three nickels equals (15c)
   Add 7 dimes (85c)
   Take away 2 quarters (35c)

10. Add 12 pennies to 1 dime (22c)
    How much more to make a quarter? (3c)
    How much more to make $1.00? (97c)

11. Add 4 nickels to one quarter (45c)
     Take away 10 pennies (35c)
     How much more to make $1.00? (65c)
     How many nickels is that? (13)

12. Add 7 pennies and two quarters (57c)
     Take away 3 nickels and a dime (32c)
     Add 3 nickels and three pennies (50c)
     How many quarters do you need to make $1.00? (2)

13. How many cents are in 3 quarters and 4 pennies? (79)
    Subtract two dimes and two nickels (49)
    Subtract a quarter (24)
    How many pennies do you need to make $1.00? (76)

14. Add 7 pennies to 3 quarters (82)
     Take away 1 dime and 1 nickel (67)
     Add two quarters ($1.17)
     How much more than $1.00 do you have? (17c)

15. Think about one quarter, two dimes, and 4 pennies (49)
     Add a quarter and 6 nickels ($1.04)
     Take away a dime (94c)
     How many pennies do you need to make $1.00? (6)