

FOBISIA PMC 2026	
TEAM Challenge Calculation Round	
School Name:	

Totalize

How to Play:

Starting with the first number, complete each sum one after the other - keep a running total - until you get your final answer.

For every question you get correct, you will get one mark.

Example

334	- 86	7/8 of it	- 79	Third of it	+ 2299	20% of it	+ 4071	÷ 10	- 319	Answer	
Notes											

334	- 86	7/8 of it	- 79	Third of it	+ 2299	20% of it	+ 4071	÷ 10	- 319	Answer	135
Notes	248	217	138	46	2345	469	4540	454	135		
	334 - 86 =	7/8 of 248 =	217 - 79 =	138 ÷ 3 =	46 + 2299 =	2345 x 0.2 =	469 + 4071 =	4540 ÷ 10 =	454 - 319 =		

As the final answer 135 is correct, you will get one mark.

1.)

749	+ 4/7 of it	÷ 11	- 99	900% of it	- 68	Square root of it	× 12	+ 193	÷ 7	Answer	
Notes											

2.)

431	+ 1452	5/7 of it	- 828	÷ 11	+ 2611	50% of it	+ 4976	÷ 5	+ 4864	Answer	
Notes											

3.)

273	+ 3/7 of it	÷ 13	+ 1408	50% of it	- 179	÷ 10	- 48	× 11	+ 144	Answer	
Notes											

4.)

862	- 607	80% of it	+ 2928	÷ 6	- 256	÷ 14	+ 2147	Third of it	- 397	Answer	
Notes											

5.)

803	- 188	40% of it	+ 1944	Half of it	- 119	÷ 16	- 57	Square root of it	× 12	Answer	
Notes											

6.)

743	+ 2002	80% of it	- 1317	Third of it	+ 4549	÷ 18	- 59	÷ 10	+ 4560	Answer	
Notes											

7.)

875	÷ 7	+ 2/5 of it	÷ 5	+ 4346	÷ 13	- 239	÷ 14	300% of it	+ 2268	Answer	
Notes											

8.)

881	- 246	60% of it	+ 2778	Third of it	- 316	÷ 11	+ 2531	Half of it	+ 2816	Answer	
Notes											

9.)

659	- 329	5/6 of it	- 169	50% of it	+ 2949	÷ 19	+ 381	÷ 11	Square root of it	Answer	
Notes											

10.)

924	- 6/7 of it	÷ 2	- 58	700% of it	+ 542	÷ 13	+ 2182	25% of it	+ 2271	Answer	
Notes											

Countdown

How to Play:

1. Use the six numbers given.
2. You can use any of the four operations: addition (+), subtraction (-), multiplication ($\times$), and division ($\div$).
3. Your goal is to get as close as possible to the target number.

Scoring:

- **3 points:** If you hit the target number exactly!
- **2 points:** If you're within 1 or 2 of the target number.
- **1 point:** If you're within 3 or 4 of the target number.

Rules:

- You must only use each number once, unless it is shown twice.
- You don't have to use all the numbers or operations.
- You can not use powers, like ^{2} (squared) or ^{3} (cubed).

a.)	100	5	7	3	1	2	= 859
b.)	75	4	1	9	10	1	= 315
c.)	3	5	7	8	2	4	= 315

d.)	25	8	50	75	100	4	= 263
e.)	50	25	75	4	7	3	= 451
f.)	6	10	8	5	7	1	= 452
g.)	3	9	8	3	4	5	= 672
h.)	75	100	7	6	1	5	= 744
i.)	25	100	75	5	3	3	= 469

j.)	4	10	7	7	3	2	= 747
k.)	5	6	9	1	3	2	= 121
l.)	75	25	7	5	9	5	= 982
m.)	7	9	3	8	9	1	= 978
Best possible answer is one away.							
n.)	25	50	75	6	10	7	= 273
o.)	50	75	100	5	3	4	= 838

24

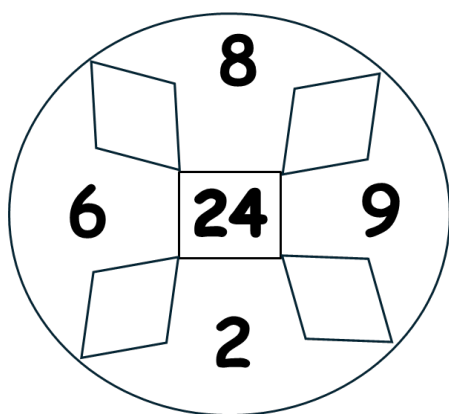
How to Play:

1. Use all four numbers to make the target number 24.
2. You can only use these four operations: addition (+), subtraction (-), multiplication ($\times$), and division ($\div$).
3. You can not use powers, like ^{2} (squared) or ^{3} (cubed).

Scoring:

- You will earn 2 marks for solving the question correctly.

Example



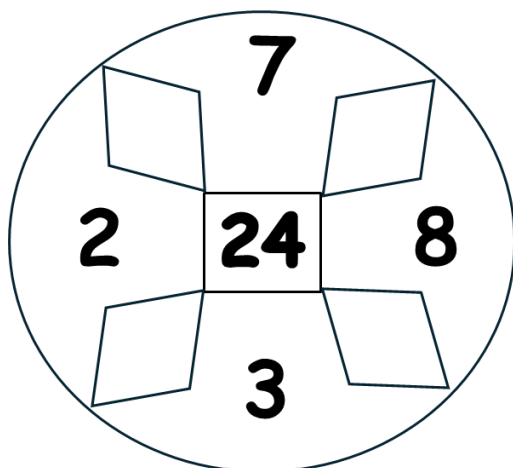
$$9 \times 8 = 72$$

$$72 \div 6 = 12$$

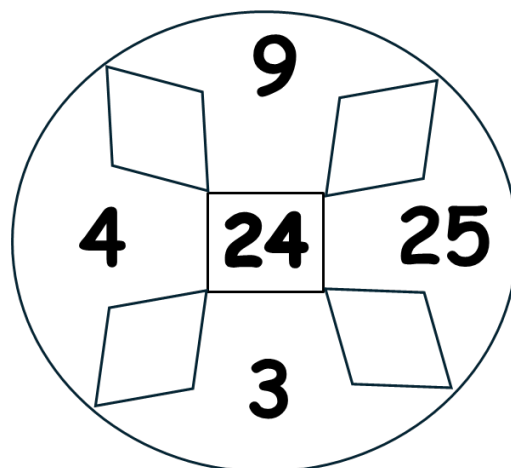
$$12 \times 2 = 24$$

or you can use brackets to write your answer e.g.
 $((9 \times 8) \div 6) \times 2$

Q11.)

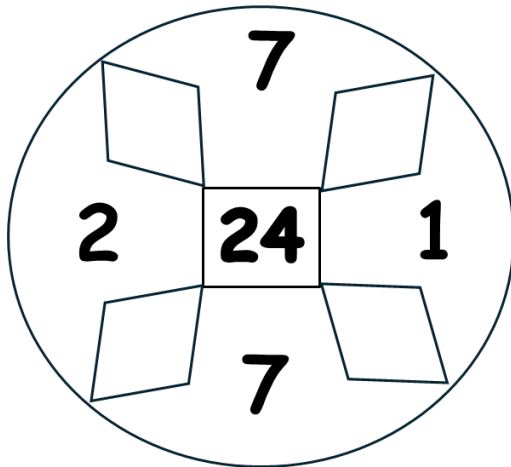


Q12.)



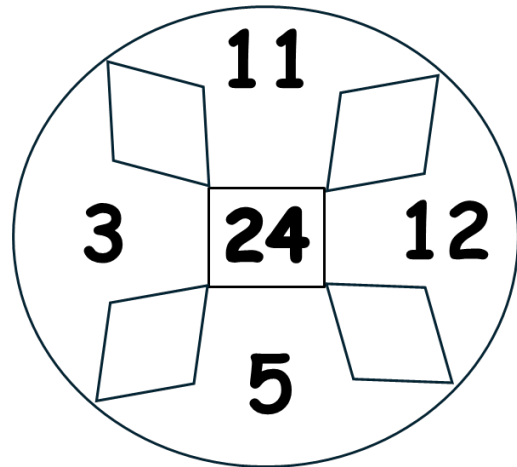
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Q13.)

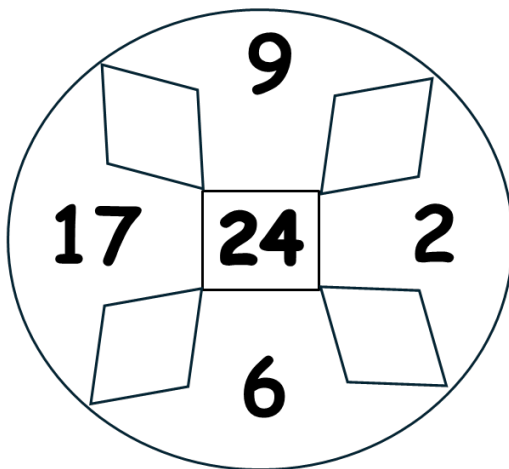


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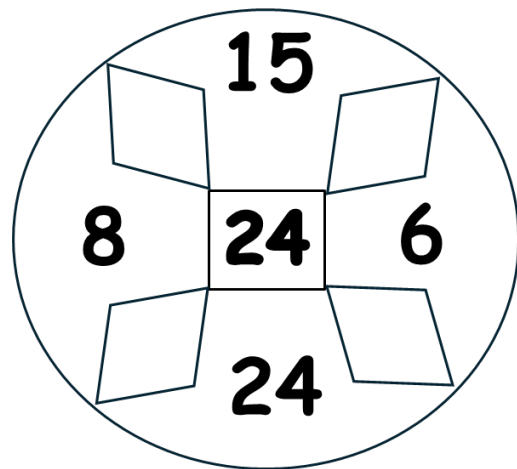
Q14.)



Q15.)

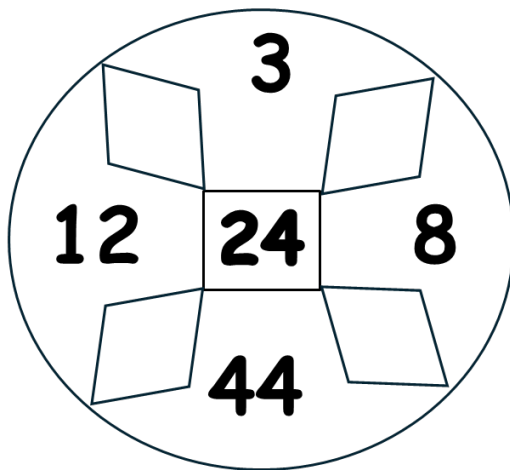


Q16.)

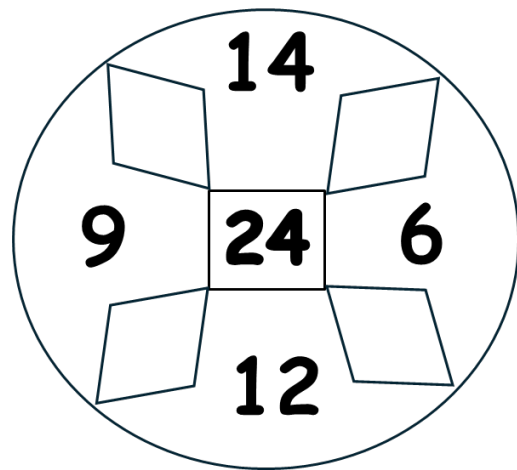


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Q17.)

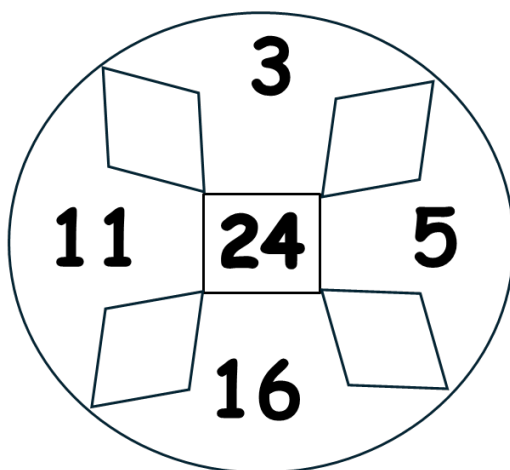


Q18.)

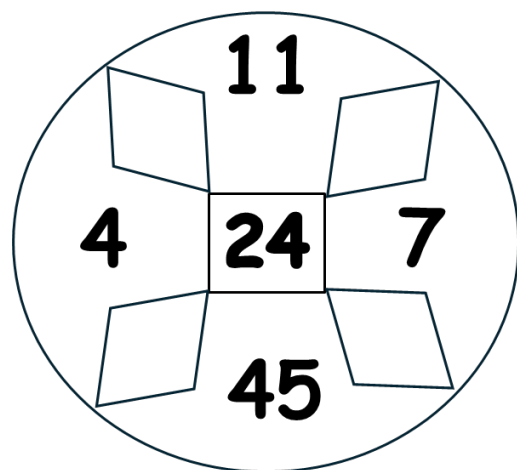


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Q19.)

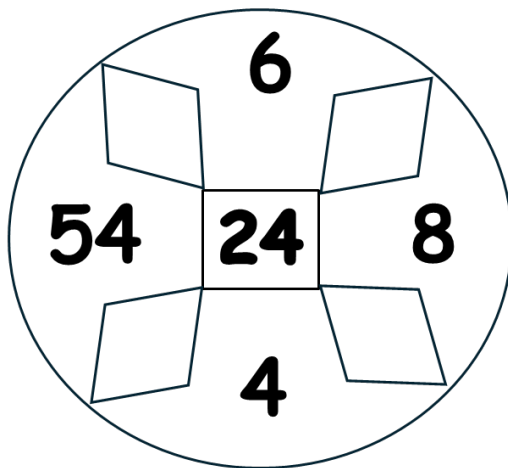


Q20.)

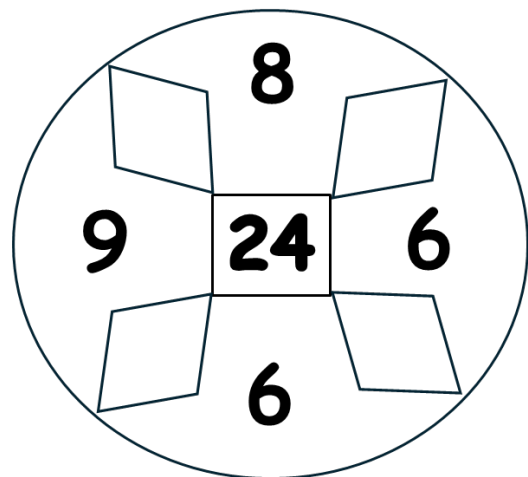


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Q21.)



Q22.)



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Adsumudi

How to Play:

1. **Look at the card.** In the centre, you'll see a number called Adsumudi's answer.
2. **Your goal is to create that number** using the other numbers around the card.
3. **You can use any combination of these operations:** addition (+), subtraction (-), multiplication (×), and division (÷).
4. **You can not use powers, like ² (squared) or ³ (cubed).**

Levels:

- **Hard Level:** Use 4 of the 5 numbers on the outside to make the centre number.
 - **Marks:** Earn 2 marks for each correct answer.
- **Monstrous Level:** Use all 5 numbers on the outside to make the centre number.
 - **Marks:** Earn 3 marks for each correct answer.

Choose your level and have fun solving!

Example:

Please select the level you have completed. You may only choose one option.

hard

☐

monstrous

☒

$$21 \div 7 = 3; 9 - 3 = 6; 6 \times 2 = 12; 12 + 18 = 30$$

Q 23.)



Please select the level you have completed. You may only choose one option.

hard ☐ monstrous ☐

Q 24.)



Please select the level you have completed. You may only choose one option.

hard ☐ monstrous ☐

Q 25.) It is a nine not a six.



Please select the level you have completed. You may only choose one option.

hard

☐

monstrous

☐

Q 26.)



Please select the level you have completed. You may only choose one option.

hard

☐

monstrous

☐

Q 27.) Target number is a six.



Please select the level you have completed. You may only choose one option.

hard

☐

monstrous

☐

Q 28.)



Please select the level you have completed. You may only choose one option.

hard

☐

monstrous

☐

Q 29.) It is a six not a nine.



Please select the level you have completed. You may only choose one option.

hard

☐

monstrous

☐

Q 30.) The target number is a six.



Please select the level you have completed. You may only choose one option.

hard

☐

monstrous

☐

Q 31.)



Please select the level you have completed. You may only choose one option.

hard

☐

monstrous

☐

Q 32.)



Please select the level you have completed. You may only choose one option.

hard

☐

monstrous

☐

Q 33.)



Please select the level you have completed. You may only choose one option.

hard ☐ monstrous ☐

Q 34.) It is a nine not a six.



Please select the level you have completed. You may only choose one option.

hard ☐ monstrous ☐

Q 35.) It is a six not a nine.



Please select the level you have completed. You may only choose one option.

hard

☐

monstrous

☐

Q 36.)



Please select the level you have completed. You may only choose one option.

hard

☐

monstrous

☐

Dice Powers

Rules:

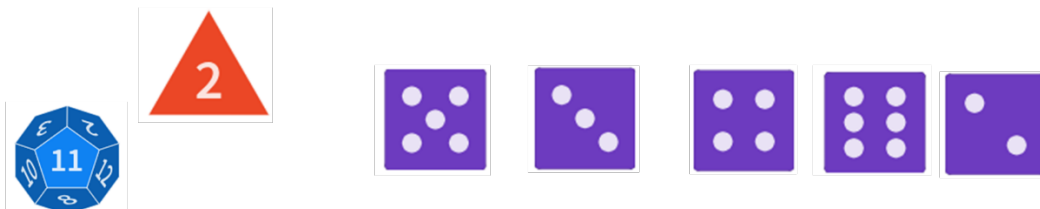
1. **Use the 5 dice to create an equation.** Your goal is to get as close as possible to the target number.
2. **You can use these operations:**
 - Addition (+)
 - Subtraction (-)
 - Multiplication (×)
 - Division (÷)
 - Exponents (^) e.g. ², ³, ⁴ etc..
3. **Important Rules:**
 - You can only use each number from the dice **once**.
 - You must use **all five dice** in your equation.
 - **If the target number is 11^2 , you can't just use the dice to make 11 and then square it.**

Scoring:

- **3 points:** If you hit the target number exactly!
- **2 points:** If you're within 1 or 2 of the target number.
- **1 point:** If you're within 3 or 4 of the target number.

Example:

Target Number



The target number is 11^2 which is 121.

$$((6 \times 5) \times 4) + 3 - 2 = 121$$

$$\text{Or } 5^3 + 6 + 2 - (3 \times 4)$$

Q37.)

Target Number



Q38.)

Target Number



Q39.) Target Number



Q40.)

Target Number



Q41.)

Target Number



Q42.)

Target Number



Q43.)

Target Number



Q44.)

Target Number



Q45.)

Target Number



Q46.)

Target Number

