پایه‌دوازدهم

؟

$$2\sin\theta \times (2\sin(60-\theta)\sin(60+\theta))$$
$$= 2\sin\theta \times (\cos(-2\theta) - \cos 120)$$
$$= 2\sin\theta\,(\cos 2\theta + 0.5) = 2\sin\theta\cos 2\theta + \sin\theta$$
$$= \sin 3\theta + \sin -\theta + \sin\theta = \sin 3\theta$$